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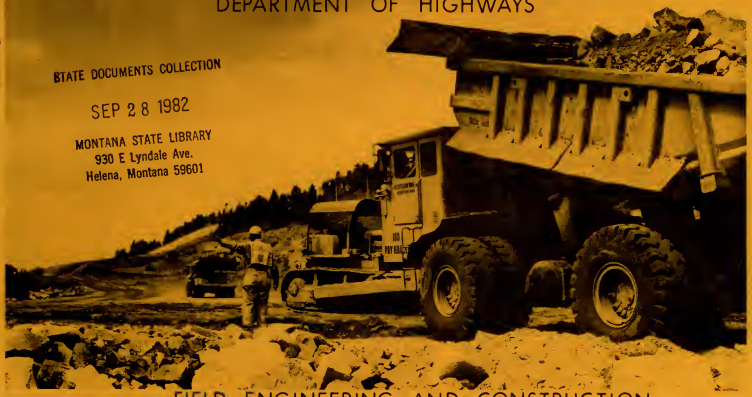
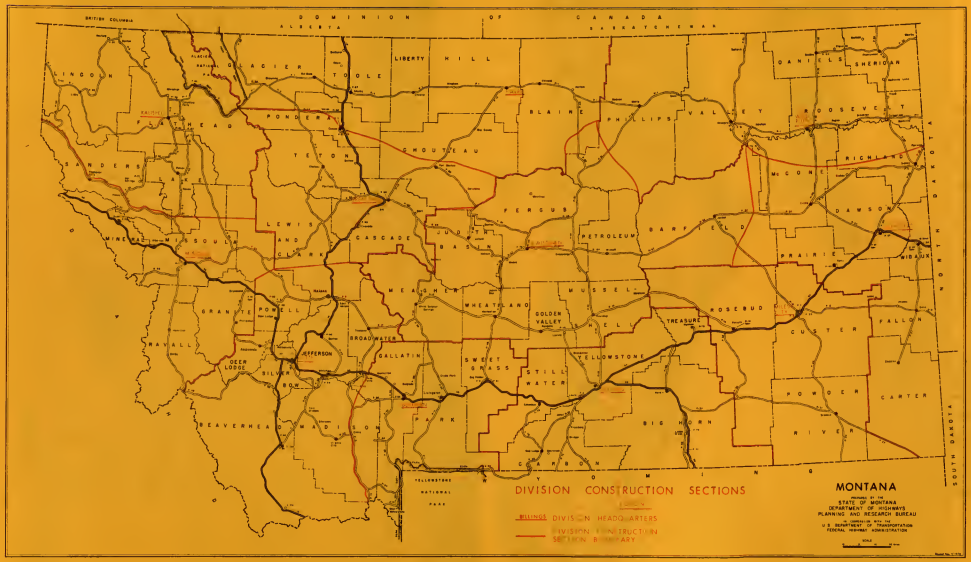


FIELD ENGINEERING AND CONSTRUCTION PROGRESS REPORT

ISSUED THE FIRST & THIRD WEEK OF THE MONTH

September 20, 1982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MONTANA DEPARTMENT OF HIGHWAYS

MISSOULA, MONTANA

SEPTEMBER 17, 1982

Montana Department of Highways
Helena, Montana

Progress Report

Gentlemen:

The following report covers preconstruction and construction in Division 1130 for the period ending September 17, 1982

G E N E R A L

Weather conditions have been about normal for this time of year. Temperatures have been from 30° to 90°. Highways are in good driving conditions.

P R E C O N S T R U C T I O N

FR 6-1(8)29, Thompson Falls NW Overlay
Length - 16.8 Miles

Robert Lajoie, Designer III
Missoula, MT

No work on the project during this past period. The design of this project remains 80% complete. Personnel were also working on other assignments.

F 7-1(9)22, Darby - North & South
Length - 17 Miles

Allan Dutton, FPM
Hamilton, MT

There has been no work on the project during the past month. The location is 18% complete.

RS 263-1(4), Mullan Road
Length - 4.9 Miles

Robert Lajoie, Designer III
Missoula, MT

No work on this project during this past period. The design of this project remains at 33% complete. Personnel were also working on other assignments.

RS 382-1(1), Perma - North
Length - 2.8 Miles

Robert Lajoie, Designer III
Missoula, MT

Work on subject project during this past period consisted of making recommended line projections and plotting of topog on the cross sections. Design of this project remains at 12% complete. Personnel were also working on other assignments.

C O N S T R U C T I O N

I-IG 90-1(61)27, U-6, St. Regis - East & West
Grading, Agg. P.M. Surf. Seal & Cover
Length - 5.1 Miles
Amount of Contract - $5,074,087.62
Mineral County
Contract Awarded - August 14, 1979
Work Proceed Date - Sept. 24, 1979
Work Started - Sept. 17, 1979

Rehbein Contracting, Inc.
Plains, MT, Contractor
John Miner, FPM
St. Regis, MT, Phone 649-2460
Contract Time - 200 Working Days
Completion Date - 7/23/82
Effective Opening Date -10/18/80

The Final Estimate is being checked in the District Office at this time. It will be forwarded to Helena about September 30th.

I 90-1(57)39, U-1, Sloway - Superior
Dual 1092.0 Ft. Composite Steel &
Conc. Girder Bridges
Amount of Contract - $6,532,574.74
Mineral County
Contract Awarded - Oct. 2, 1979
Work Proceed Date - Oct. 26, 1979
Work Started - Oct. 26, 1979

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
Missoula, MT, Phone 549-6491
Contract Time - 410 Working Days
Completion Date - August 25, 1982
Effective Opening Date - ____

The Final Estimate will be submitted to the District Office about October 8th.

I 90-1(57)39, U-2, Sloway - Superior
Dual 1212.0 Ft. Composite Steel &
Conc. Surf. P.M. Bit. Surf.
Amount of Contract - $9,917,560.79
Mineral County
Contract Awarded - December 6, 1979
Work Proceed Date - April 6, 1980
Work Started - January 15, 1980

Sletten Construction Company
Great Falls, MT, Contractor
George Roat, FPM
Alberton, MT
Contract Time - 450 Working Days
Completion Date - 8/11/82
Effective Opening Date - ____

The Final Estimate is being checked in the District Office. It will be forwarded to Helena about September 22nd.

I 90-1(57)39, U-4, Sloway - Superior
Grade, Agg. Surf. P.M. Surf., O.G.F.C., Seal
Cover & 2 Overpass Strs. & 1 Grade Sep.
Length - 8.1 Miles
Amount of Contract -
Mineral County
Contract Awarded -
Work Proceed Date -
Work Started -

Gerald Tahija, FPM
Superior, MT, Phone 822-4810
Contract Time - 200 Working Days
Probable Completion Date - 10/84
Effective Opening Date - ____

The letting is scheduled for September 23, 1982. The survey crew is working on R/W line, control points, and running bench levels.

IR 90-1(88)39, U-2
Replacement of Sliding Plate
Expansion Joints
Amount of Contract - $277,469.00
Mineral County
Contract Awarded - March 2, 1982
Work Proceed Date - April 16, 1982
Work Started -

Pacemaker Industries, Inc.
Spokane, WA, Contractor
Jack Silvey, FPM
St. Regis, MT, Phone 649-2460
Contract Time - 40 Working Days
Probable Completion Date - 11/1/83
Effective Opening Date - N/A

Due to the late arrival of materials, no work will be started on the project until weather conditions are favorable in the spring.

IR 90-1(71)110, Bonner - East
P.M. Bituminous Overlay &
Open Graded Friction Course
Length - 9.3 Miles
Amount of Contract - $2,324,811.98
Missoula County
Contract Awarded - January 8, 1982
Proceed Order Date - April 16, 1982
Work Started - April 20, 1982

Hilde Construction Company
Great Falls, MT, Contractor
Jerry Tahija, FPM
Missoula, MT, Phone 549-6491
Contract Time - 100 Working Days
Completion Date - 8/6/82
Effective Opening Date - N/A

The Final Estimate was submitted to Helena on September 9th.

IR 90-3(47)152, U-2, Drummond - East
Open Graded Friction Course
Length - 12.3 Miles
Amount of Contract - $687,038.20
Granite County
Contract Awarded - August 4, 1981
Work Proceed Date - August 25, 1981
Work Started - June 1, 1982

Meyer Construction Company
Billings, MT, Contractor
Charles Hegman, FPM
Missoula, MT, Phone 549-6491
Contract Time - 40 Working Days
Completion Date - 8/20/82
Effective Opening Date - N/A

The Final Estimate is in the District Office for checking. It will be submitted to Helena about September 24th.

F 7-1(8)38, Charlos Heights
Grade, P.M. Surf. Seal & Cover
Length - 4.5 Miles
Amount of Contract - $1,878,876.75
Ravalli County
Contract Awarded - July 1, 1980
Work Proceed Date - July 22, 1980
Work Started - July 29, 1980

Hilde Construction Company
Great Falls, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 150 Working Days
Completion Date - 8/2/82
Effective Opening Date - 10/2/81

The Final Estimate will be submitted to the Division Office about September 30th.

HES 7-1(18)52, Int. at Woodside
F 7-1(20)50, Victor - South
Int. Improvement & P.M. Overlay
Length - 9.5 Miles
Amount of Contract - $1,585,384.10
Ravalli County
Contract Awarded - Sept. 30, 1980
Work Proceed Date - Oct. 21, 1981
Work Started - May 20, 1982

Hilde Construction Company
Great Falls, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 75 Working Days
Completion Date - 7/20/82
Effective Opening Date - N/A

The Final Estimate is in the District Office for checking. It will be submitted to Helena about October 8th.

MSC 7-1(24)74, Missoula & Ravalli Counties
Seal & Cover
Length - 18.2 Miles
Amount of Contract - $718,227.50
Missoula & Ravalli Counties
Contract Awarded - April 29, 1982
Work Proceed Date - May 20, 1982
Work Started - May 20, 1982

Meyer Construction Company
Billings, MT, Contractor
Charles Hegman, FPM
Missoula, MT, Phone 549-6491
Contract Time - Sept. 1, 1982
Probable Completion Date - 9/82
Effective Opening Date - N/A

All work has been done on the project by the contractor, with the exception of about 5 miles of 16' wide median. Construction layout is 100% complete; and the contract as a whole is 95% complete. It has not been decided how the remaining work will be accomplished.

BHF 7-2(7)95, Madison St. Bridge
BHM 8113(2), Higgins Ave. Bridge
Concrete Overlay on Br. Decks
Amount of Contract - $718,227.50
Missoula County
Contract Awarded - Sept. 30, 1981
Work Proceed Date - Oct. 21, 1982
Work Started - May 25, 1982

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
Missoula, MT, Phone 549-6491
Contract Time - 90 Working Days
Probable Completion Date - 07/83
Effective Opening Date - N/A

The contractor has finished the Class "A" bridge floor repair and the bridge floor overlay on the south bound lanes of the Madison St. Bridge and is in the process of moving to the Higgins Ave. Bridge to begin placing the bridge floor overlay on the south bound lanes. Construction layout is 90% complete; 78% of the contract time has elapsed; and the contract as a whole is 33% complete. 4 engineers and 20 men are employed working 5/8-10 hr. shifts per week.

F 24-1(6)16, Potomac - East
Plant Mix Overlay
Length - 6.6 Miles
Amount of Contract - $577,066.40
Missoula County
Contract Awarded - March 5, 1982
Work Proceed Date - April 6, 1982
Work Started - June 8, 1982

Jim Gilman, Excavating, Inc.
Butte, MT, Contractor
Charles Hegman, FPM
Missoula, MT, Phone 549-6491
Contract Time - 60 Working Days
Probable Completion Date - 9/82
Effective Opening Date - N/A

All work on the contract is complete with the exception of the culvert cleanout and the work to be done on Change Order No. 1. Construction layout is 95% complete; 78% of the contract time has elapsed; and the contract as a whole is 98% complete.

RS 263-1(3)2, Mullan Road
1 Bridge & Approaches &
Replacement of a Bridge with a Culvert
Amount of Contract - $373,846.95
Missoula County
Contract Awarded - May 21, 1982
Work Proceed Date - June 14, 1982
Work Started - June 14, 1982

Binkerd Const. & Christy Const. Co.
Hamilton, MT, Contractor
James Williams, FPM (Approaches)
William Maart, FPM (Bridges)
Missoula, MT, Phone 549-6491
Contract Time - 90 Working Days
Probable Completion Date - 11/82

The contractor has been working grading, installing 18" C.M.P., removing detour bridge, cleanup and placing 1½" C.B.S. Progress has been good. Construction layout is 78% complete; 72% of the contract time has elapsed; and the contract as a whole is 75% complete. 1-2 engineers and 7-8 men are employed working 5/9 hr. shifts per week.

PMS 4140(61), U-1, Statewide Inlaid Thermoplastic Pavement Markings
Amount of Contract - $73,840.43
Various Counties
Contract Awarded - July 27, 1982
Work Proceed Date - August 17, 1982
Work Started -

Mark Rite Lines, Inc.
Billings, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 543-8327
Contract Time - 45 Working Days
Probable Completion Date -6/83
Effective Opening Date - N/A

A preconstruction conference was held on September 15, 1982. The contractor advised that they plan to begin work in about two weeks. They plan to start in Kalispell and then move to Missoula.

M 8199(6), U-2, Missoula CBD
Signal Update
Amount of Contract - $189,588.50
Missoula County
Contract Awarded - Nov. 6, 1981
Work Proceed Date - April 16, 1982
Work Started - March 23, 1982

Western Sign Corporation
Great Falls, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 90 Working Days
Probable Completion Date - 10/82
Effective Opening Date - N/A

The contractor has been working 1/8 hour shift, with four men employed the last week. He has been working on wiring and changing over the controller to the new signal. This work has been going good. He plans to start repairing sidewalks and curb & gutter next week. The contractor stopped patching conduit trenches on 9/7/82 and this work is up in the air at this time. Construction layout is 93% complete; 94% of the contract time has elapsed; and the contract as a whole is 88% complete. 1-2 engineers and 4 men are employed working 5/8 hr. shifts per week.

AR 1120 1248 1200 Turah Bridge
Flood Damage Repair
Amount of Contract - $63,130.50
Missoula County
Contract Awarded - June 30, 1982
Work Proceed Date - July 20, 1982
Work Started - July 22, 1982

Edward T. Copps, Construction
Billings, MT, Contractor
Personnel Unassigned
Contract Time - 60 Working Days
Probable Completion Date - 11/82
Effective Opening Date - N/A

The contractor has made good progress since the last report. Contract Items percent complete are as follows: Traffic Control - Devices - 100%; Traffic Control - Flagging - 10%; Mobilization - 50%; Revise Structure - 95%; Rip-rap - Class 3 Random - 100%; Rip-rap - Pier Class 3 Random; Work Bridge - 40%. Contract time elapsed is 61%; and the contract as a whole is 85% complete. 1 engineer and 2-6 men are employed working 5/8 hr. shifts per week.

Ben C. Miller

BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM: WN: cdj

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Kalispell Division Progress Report did not arrive in time for printing

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Department of Highways

Butte, Montana

September 16, 1982

Department of Highways
Helena, Montana

Progress Report
Division - 2130

Gentlemen:

The following report covers Construction and Preconstruction operations in Division 2130 for the period ending September 10, 1982. The weather has been warm with rain showers and temperatures from +35° to +85°.

PRECONSTRUCTION

RF 8-1(4)
Avon-Elliston (East Section)
Location Survey
6.0 Miles
Powell County

G.L. Buckman, M.F.P.U.
Butte, Mt. - Tel. 494-4172
Est. Comp. Date: Unknown

Project on hold. No further charges for this project.

RF 8-1(4)34
Avon-Elliston (West Section)
Location Survey
6.1 Miles
Powell County

C. Flynn, M.F.P.U.
Dillon, Mt. - Tel. 683-2078
Est. Comp. Date: Unknown

Project on hold. No further charges for this project.

F 8-4(2)76
Missouri River Bridges
Townsend-North
Location Survey
1.42 Miles
Broadwater County

L. Brazda, M.F.P.U.
Helena, Mt. - Tel. 449-3031
Est. Comp. Date: 10/29/82

Survey has been suspended until further notice. Survey as a whole is 57% complete.

PRECONSTRUCTION

I 15-3(11)143
Elk Park - North
Location Survey
3.8 Miles
Jefferson County

G.L. Buckman, M.F.P.U.
Butte, Mt. - Tel. 782-1797

No more work anticipated until some time in November - 1982.

I 15-3(12)150
Bernice - Basin
Utility Staking
8.1 Miles
Jefferson County

R.T. Wilson, M.F.P.U.
Butte, Mt. - Tel. 782-1797

A four (4) man crew spent seven (7) days finishing locating $\mathcal{C}_L$ control points. Referencing for R/W and fence is in progress.

F 29-4(1)84
Harrison Avenue - Butte
Utility Staking
4.4 Miles
Silver Bow County

R.E. Fischer, Div. Util. Agt.
Butte, Mt. - Tel. 494-3224

Work consisted of relocating gas, electrical and telephone installations. There is one (1) inspector on this project.

RS 276-1(1)0
Browns Gulch Road
Design
8.0 Miles
Silver Bow County

R.M. Grant, Designer III
Butte, Mt. - Tel. 494-3224
Est. Comp. Date: Unknown

Project on hold. No further charges for this project.

S 278-1(1)43
Jackson - North
Design
7.566 Miles
Beaverhead County

R.M. Grant, Designer III
Butte, Mt. - Tel. 494-3224
Est. Comp. Date: Unknown

A request has been sent to Helena for an overlay typical section.

M 0299(4)
Anaconda Urban Streets
Sycamore to Elm Street
Design
0.66 Miles
Deer Lodge County

R.M. Grant, Designer III
Butte, Mt. - Tel. 494-3224
Est. Comp. Date: Unknown

M 0299(4) - Cont.

Work for the period consisted of checking the latest IBM run and laying a preliminary grade on the Sycamore to Elm portion of the project. Work also entailed checking the Utilities and other topog plotted on the cross-sections from Elm to Cedar Streets. A three (3) man crew used six (6) mandays for a total of 53 mandays used to date.

RS 375-1(1)0
Continental Drive Overlay
Design
3.7 Miles
Silver Bow County

R.M. Grant, Designer III
Butte, Mt. - Tel. 494-3224
Est. Comp. Date: 10/15/82

No work the past period . The preliminary plans were sent to Helena for P.I.H. Printing on August 5, 1982. A total of 27 mandays used to date. Design of the project as a whole is 80% complete.

S 549-1(1)0
Whitehall - Jefferson Island
Design
3.920 Miles
Jefferson & Madison Counties

R.M. Grant, Designer III
Butte, Mt. - Tel. 494-3224
Est. Comp. Date: 01/06/84

There was no work on the project this period. Design has been temporarily suspended to complete work on other projects.

M 5815(1)
Cruse Avenue
Misc. Field Work
0.3 Miles
Lewis & Clark County

L. Brazda, M.F.P.U.
Helena, Mt. - Tel. 449-3031
Est. Comp. Date: Unknown

Work the past period consisted of staking utility digouts, which are 50% complete. Topography and Cross-sections are 43% complete. Project as a whole is 45% complete. There is a four (4) man crew working periodically on this project.

BR 9022(8)
Boulder River Bridge
Location Survey
0.24 Miles
Jefferson County

R.M. Grant, Designer III
Butte, Mt. - Tel. 494-3224
Prob. Comp. Date: Unknown

No work the past period. The plan sheets and the brown lines were sent to Helena for R/W printing and design. Design work as a whole is 38.4% complete.

ER 8-1(7)081 U2
Avon-Elliston Bridge
0.04 MIles
Powell County
Contract Awarded: 01/08/82
Proceed Order Date: 04/16/82
Bid Price: $691,830.90
Work Started: 03/15/82

Beyers Gen. Const., Inc.
Butte, Montana
G.L. Buckman, M.F.P.U.
Butte, Mt. - Tel. 782-1797
Contract Time: 100 Working Days
Prob. Comp. Date: 10/29/82
Effect. Opening Date: N/A

Contractor poured barrier rail @ Sta. 703. The concrete for the bridges is now complete. Work also consisted of stripping forms, cleaning up area and working on approaches. Project as a whole is 85% complete with 96% of the comtract time elapsed. Construction layout as a whole is 95% complete with 4 inspectors engaged. The contractor employed 17 men for 10-8 hour shifts.

ER 8-1(8)081 U2
ER 8-2(23)081
Flood Damage Repair
Interstate RR O'Pass at Garrison
and MacDonald Pass E & W
0.00 Miles
Powell & Lew & Clark Counties
Contract Awarded: 04/01/82
Proceed Order Date: 04/22/82
Bid Price: $221,964.00
Work Started: 05/24/82

Skinner Enterprises
Helena, Mt.
J.W. Bettle, M.F.P.U.
Butte, Mt. - Tel. 494-3224
Contract Time: 75 Working Days
Prob. Comp. Date: 11/19/82
Effect. Opening Date: N/A

ER 8-1(8)081 U2
No work was done during this period.

ER 8-2(23)081
Contractor working between Sta. 204 to Sta. 283 placing borrow, trenching, placing construction fabric, drain aggregate, bedding material and special embankment in Lt. ditch area. Contractor employed 8 men for 8-8 hour shifts. Project as a whole is 41% complete with 85% of the contract time elapsed. Construction layout as a whole is 91% complete with 2 engineers and 1 inspector engaged.

F 8-2(22)28 U1
Snow Fence - MacDonald Pass E & W
0.00 Miles
Powell & Lewis & Clark Counties
Contract Awarded: 07/27/82
Proceed Order Date: 08/17/82
Bid Price: $21,871.32
Work Started: 08/19/82

Grizzly Fence
Missoula, Montana
J.W. Bettle, M.F.P.U.
Butte, Mt. - Tel. 494-3224
Contract Time: 30 Working Days
Prob. Comp. Date: 10/22/82
Effective Opening Date: N/A

F 8-2(22)28 U1 (Con't.)
Contractor began setting up & anchoring snow fence panels on 9/8/82. Plans are to continue setting up and anchoring these panels until completed. Project as a whole is 25% complete with 17% of the contract time elapsed. Construction layout as a whole is 100% complete with 2 engineers and 1 inspector engaged.

F 8-2(24)41
Traffic Signals at Euclid and Joslyn - Helena
0.00 Miles
Lewis & Clark County
Contract Awarded: 11/06/81
Proceed Order Date: 04/16/82
Bid Price: $50,212.00
Work Started: 09/07/82

Livesay Traffic Maint., Inc.
Great Falls, Mt.
L. Brazda, M.F.P.U.
Helena, Mt. - Tel. 449-3031
Contract Time: 45 Working Days
Prob. Comp. Date: 11/26/82
Effect. Opening Date: N/A

The contractor excavated, set forms, installed conduit and placed concrete for 4 pedestals. Also, excavated, formed and placed concrete for 137' of curb and gutter. Project as a whole is 20% complete with 9% of the contract time elapsed. Construction layout as a whole is 30% complete with 1 engineer and 1 inspector.

I 15-1(27)58 U1
I 15-1(54)51 U2
Dillon South (So. Sect.)
Pipe Organ North (No. Sect.)
Grading, Surfacing, Signing & Bridges
5.7 Miles
Beaverhead County
Contract Awarded: 09/02/81
Proceed Order Date: 10/01/81
Bid Price: $5,316,245.38
Work Started: 09/16/81

Beyers Gen. Const., Inc.
Butte, Mt.
F. Caprara Jr., M.F.P.U. (Road)
Dillon, Mt. - Tel. 683-6290
H.Wiebe, M.F.P.U. (Bridge)
Dillon, Mt. - Tel. 683-4447
Contract Time: 200 Working days
Prob. Comp. Date: 11/12/82
Effect. Opening Date:

ROAD
Work the past period consisted of laying 3" & 1½" gravel from Sta. 385 to 410 and from Sta. 420 to 1012. Contractor is also bringing 1½" gravel to blue tops on the Dillon So. portion. Contractor employed 28 men for 5-9 hour shifts. Project as a whole is 61% complete with 65% of the contract time elapsed. Construction layout as a whole is 99% complete with 2 engineers and 8 inspectors engaged.
BRIDGES
Progress during the past two weeks was good. Jackson Interchange at Sta. 102+12.12: Placing and tying deck steel on both north and south bound decks. Also, placed BD concrete on both north and south bound decks. Bridges over Beaverhead River at Sta. 125+64.75 and 126+94.75: Finishing base deck concrete south bound structure and general cleanup of the work area. Percentages complete for these items are as follows: Prebore Holes 100%; Class "AD" concrete 100%; Class "BD" Concrete 92%; Traffic Control 48%; Traffic Control Flagging 66%; Mobilization 25%; Structural Steel 100%; Protective Coating 85%;

BRIDGES (Con't)
Shoring and Crib 100%; Structure Excavation Type I 100%; Structure Excavation II 100%; Test Pile 100%; Furnish Pile 100%; Drive Pile 100%; Bridge Survey 70%; Work Bridge 75%; 30' Prestressed Beams Type "A" 100%; 40' Prestressed Beams Type IV 100%; 65' Prestressed Beams Type "A" 100%; Prestressed Beams 100' Type IV; Reinforcing Steel 98%. The contractor worked 9-8 hour shifts employing an average of 7 men. These structures as a whole are 97% complete.

I 15-1(27)58 U2
F 89-1(4)0
Dillon South (No. Sect.)
and Dillon "I" Connection
Grading, Surfacing, Signing
and Girder Bridges
3.6 Miles
Beaverhead County
Contract Awarded: 03/05/82
Proceed Order Date: 04/16/82
Bid Price: $7,977,640.10
Work Started: 03/26/82

Beyers Gen. Const., Inc.
Butte, Mt.
C. Flynn, M.F.P.U. (Road)
Dillon, Mt. - Tel. 683-2078
H. Wiebe, M.F.P.U. (Bridge)
Dillon, Mt. - Tel. 683-4447
Contract Time: 250 Working Days
Prob. Comp. Date: 10/28/83
Effect. Opening Date:

ROAD
Work the past period consisted of Contractor hauling borrow to Interchange and "A" line. The contractor employed 45 men for 9-10 hour shifts. Project as a whole is 14 % complete with 28% of the contract time elapsed. Construction layout as a whole is 85% complete with 4 engineers and 5 inspectors engaged.
BRIDGES
Progress during the past two weeks was good. Bridge over Poindexter Slough at Sta. 152+14.50: Formed, placed and tied reinforcing steel and Class "AD" concrete for Abutment No.2(N.B.) Wall and Wingwalls. Formed, placed and tied reinforcing steel and Class "AD" Concrete for Abutment No.1(S.B.) Main and Wing Footings. Also, drove service piling for Abutment No.2(S.B.) and started forming main footing. This completes the piling at Poindexter Slough. The contractor started storing prestressed beams for all the structures on this project. Separation at Sta. 158+00.00: Drove test piles bents 1 and 4 north and south bound. Formed, placed and tied reinforcing steel and Class "AD" concrete for bents 2 and 3 (S.B.) footings. Percentages complete for these items are as follows: Structure excavation Type I 21%; Prebore holes 13%; Test pile 56%; Furnish pile 36%; Drive pile 37%; Reinforcing steel 4%; Class "AD" concrete 16%; Work Bridge 75%; Bridge Survey 10%. The contractor worked 9-8 hour shifts employing an average of 17 men. These structures as a whole are 8% complete.

I-15-2(46)99
Moose Creek Slide On
The Butte-Dillon Road
0.00 Miles
Beaverhead County
Contract Awarded: 05/21/82
Proceed Order Date: 06/15/82
Bid Price: $39,557.24
Work Started: 06/25/82

Jerry Braach Const.
Twin Bridges, Mt.
W. Erickson, M.F.P.U.
Butte, Mt. - Tel. 494-4172
Contract Time: 30 Working Days
Prob. Comp. Date: 10/29/82
Effect. Opening Date: N/A

Project is complete except for the seeding which will be completed after October 15, 1982.

I 15-3(29)160 U5
I 15-3(31)164
I IG 15-3(32)157 U2

Boulder West - Boulder Int.
Ramp Revision & Basin East
Highway & Structure 5.4 Miles
Jefferson County
Contract Awarded: 07/17/80
Proceed Order Date: 08/07/80
Bid Price: $12,424,462.39
Work Started: 08/11/80

Peter Kiewit Sons, Co.
Billings, Mt.
Wm. Bork, M.F.P.U. (Road)
Boulder, Mt. - Tel. 225-3962
Al Reather, M.F.P.U. (Bridge)
Boulder, Mt. - Tel. 225-4330
Contract Time: 280 Working Days
Prob. Comp. Date: 10/15/82
Effect. Opening Date:

ROAD

PKS hauled Borrow to S.B. 1310 - 1301 & obliterated Detour #7 and Detour #4A. Paved N.B. 1310 - 1270 & S.B. 1384 - 1362. Western Sign Corp. installed Guardrail 1270 - 1281 N.B. and fencing throughout project. The contractor employed 37 men for 10-8 hour shifts. Project as a whole is 93% complete with 92% of the contract time elapsed. Construction layout as a whole is 97% complete with 4 engineers and 9 inspectors engaged.

BRIDGES

The structures are now complete. The structure on the old P.T.W. near Sta. 1299 is being demolished. Contractor employed 4 men for 10-8 hour shifts. There is one state inspector on the bridges.

I IG 90-3(55)172
ER 8-1(8)081 U1

Garrison E&W (W. Sect.)
Plant Mix Surfacing
Flood Repair
4.2 Miles
Powell County
Contract Awarded: 03/05/82
Proceed Order Date: 04/16/82
Bid Price: $951,862.50
Work Started: 04/08/82

Meyer Construction Co.
Billings, Mt.
R. Wilson, M.F.P.U.
Butte, Mt. - Tel. 782-1797
Contract Time: 60 Working Days
Comp. Date: 08/05/82
Effect. Opening Date: 08/05/82

Checking of Final Data is completed in Division Office. It is estimated that Final Data will be submitted to Helena on October 1, 1982.

RS BRS DP 280-1(5)11

York Bridge on the Helena York Road
0.205 Miles
Lewis & Clark County
Contract Awarded: 03/30/81
Proceed Order Date: 05/20/81
Bid Price: $3,414,979.34
Work Started: 04/29/81

Peter Kiewits Sons, Co.
Billings, Mt.
L. Brazda, M.F.P.U.
Helena, Mt. - Tel. 449-3031
Contract Time: 250 Working Days
Prob. Comp. Date: 10/15/82
Effect. Opening Date:

During the last period the contractor placed the deck concrete in Span #7, #8, #9. Deck stripping is complete through Span #6, deck finishing is complete through Span #5, and pipe pile cleanup is complete through Pier #6 except

RS BRS DP 280-1(5)11 (Con't.)
for the final coat of paint. During the next period the contractor plans to slip form the barrier rail and complete the backfilling and grading on the east side of the bridge. Contractor employed 5 men for 9-8 hour shifts. Project as a whole is 92% complete with 83% of the contract time elapsed. Construction layout as a whole is 90% complete with 6 engineers and 1 tester engaged.

ER 280-1(7)081
Trout Creek Bridge - York Road
0.011 Miles
Lewis & Clark County
Contract Awarded: 04/01/82
Proceed Order Date: 04/22/82
Bid Price: $142,834.50
Work Started: 06/07/82

COP Const. Co.
Billings, Mt.
L. Brazda, M.F.P.U.
Helena, Mt. - Tel 449-3031
Contract Time: 45 Working Days
Comp. Date: 08/03/82
Effect. Opening Date: N/A

Final Data has not been received in Division Office. It is estimated that Final Data will be submitted to Helena on October 8, 1982.

RS 284-2(3)15 U1
Drainage Installations
Canyon Ferry SE
Grading, Agg Surf & Installation
of Two Drainage Structures
Broadwater County
Contract Awarded: 07/27/82
Proceed Order Date: 08/17/82
Bid Price: $144,711.95
Work Not Started

"S K" Construction, Inc.
Missoula, Mt.
L. Brazda, M.F.P.U.
Helena, Mt. - Tel. 449-3031
Contract Time: 50 Working Days
Prob. Comp. Date: 11/19/82
Effect. Opening Date: N/A

The Preconstruction Conference was held August 26, 1982

SR 359-2(2)6
Cardwell - Harrison
Plant Mix Bit. Overlay
Seal & Cover & Signing
8.9 Miles
Madison County
Contract Awarded: 06/02/81
Proceed Order Date: 06/23/81
Bid Price: $826,007.10
Work Started: 07/14/81

Meyer Construction Co.
Billings, Mt.
R. Wilson, M.F.P.U.
Butte, Mt. - Tel. 782-1797
Contract Time: 60 Working Days
Comp. Date: 08/10/82
Effect. Opening Date: N/A

Final Data was submitted to Helena September 7, 1982.

Gary A. Gilmore, P.E.
District Construction Supervisor

GAG/GBH/dm

MONTANA DEPARTMENT OF HIGHWAYS
Bozeman, Montana 59715

September 17, 1982

Montana Department of Highways
Helena, Montana

Progress Report
Area 2230

Gentlemen:

The following is submitted covering construction and preconstruction operations in the Bozeman Division for the period ending September 17, 1982.

G E N E R A L

Temperatures ranged between 25 and 85 degrees with hot dry weather the first week and cool damp weather the second week.

P R E C O N S T R U C T I O N

F 11-1(1)54
Park Street Livingston
Length - 1.2 Miles

Engineer Unassigned

All requested field work has been completed.

HES 11-1(4)53
South of Livingston
Assessment of Existing Lighting
and Additional Needs

Engineer Unassigned

No information has been requested from the field to date.

F 13-1( )24
8 Mi. So. of Cameron - South
Length - 5.5 Miles

William G. Shuyler, FPM
Phone: 682-4971 Ennis

The additional topography requested in the report of July 19, 1982 was transmitted to Helena on August 20, 1982.

CONSTRUCTION BUREAU

F 13-1( )30
3 Mi. So. of Cameron - South
Length - 6.0 Miles

William G. Shuyler, FPM
Phone: 682-4971 Ennis

The additional topography requested by the report of July 19, 1982 was transmitted to Helena on August 20, 1982.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 50-2(4)79
Bozeman - West
Approx. Length - 9.0 Miles

Thomas, Dean & Hoskins, Inc.
Great Falls, Montana
Consulting Engineers

Thomas, Dean & Hoskins have completed their portion of the design.

HES 50-2(13)87
West Edge of Bozeman
Length - 0.5 Mile
Illumination

Engineer Unassigned

No information has been requested from the field to date.

F 59-1(5)7
Clyde Park - South
Length - 7.3 Miles

Engineer Unassigned

All requested field work has been completed.

HES 84-1(2)7
East of Norris
Hazard Elimination

Engineer Unassigned

No information has been requested from the field to date.

HES 84-4(1)28
West of Four Corners
Hazard Elimination

Engineer Unassigned

No information has been requested from the field to date.

HES 86-1(2)1
Int. of FAP 86 & FAS 536

Engineer Unassigned

All requested field work has been completed.

F 86-1(4)18 — Engineer Unassigned
Battle Ridge North & South
Length - 6.1 Miles

All field work requested to date has been completed.

F 86-1(5)3 — Engineer Unassigned
Bridger Canyon Road
Length - 1.8 Mile

All design files were transferred to the Butte District Office on September 8, 1982.

I 90-6(36)315 U-3 — Engineer Unassigned
Bozeman Pass - West, Rest Area

All work requested from the field has been completed.

IR 90-6(38)309 — Engineer Unassigned
Rocky Canyon Overlay
Length - 5.3 Miles

All work requested from the field has been completed.

I 90-7(21)339 — Engineer Unassigned
Springdale - West
Lenght - 9.2 Miles

All field work requested to date has been completed.

I 90-7(36)318 U-2 — Engineer Unassigned
Bozeman Pass - East, Rest Area

All work requested from the field has been completed.

RF 217(23) — George A. Sitton, FPM
Livingston Slide — Phone 222-7085 Livingston
Park County

All field work requested to date has been completed.

RS 411-1(1)0 — Engineer Unassigned
Springhill Road
Length - 6.3 Miles

All design files were transferred to the Butte District Office on September 8, 1982.

S 478-1(1)0 — Engineer Unassigned
Big Timber - North & East
Approx. Length - 9.1 Miles

All the design files have been submitted to Helena Preconstruction.

RS-BRS 563-1(3)0 U-3 — Engineer Unassigned
Hunters Hot Springs Road
Remove Old Structure

No work has been requested from the field to date.

M 1212(1) — Thomas, Dean & Hoskins, Inc.
Kagy Lane from Willson to Highland-
Bozeman
Approx. Length - 1.1 Miles

Core holes have been topoged and elevations obtained on these and the bench marks set as verbally requested by Core Drill. This information was transmitted to Core Drill on September 16, 1982. This completes all requested field work.

M 1212(4) — Engineer Unassigned
Kagy from 3rd to 19th - Bozeman
Length - 1.0 Mile

This location survey has not been started to date.

M 7406(1) — Morrison-Maierle, Inc.
Main, Chinook & Gallatin - Livingston
Approx. Length - 1.3 Mile

Design of this project is 100% complete.

C O N S T R U C T I O N

F 11-1(5)20
Rest Area near Emigrant
Park County
Contract Awarded: January 8, 1982
Contract Amount: $17,450.00
Proceed Order Date: April 16, 1982
Work Started: June 21, 1982

Robert D. Thornburg, Contractor
Missoula, Montana
Jerry R. Branum, FPM
Phone: 222-7085 Livingston
Contract Time: 45 Working Days
Completion Date: August 20, 1982
Effective Opening Date: N/A

The final estimate and supporting data was submitted to the Butte District Office for final checking on September 15, 1982.

F 11-1(6)56
Livingston - East
Shoulder Widening & Plant Mix Overlay
1.7 Miles Park County
Contract Awarded: April 1, 1982
Contract Amount: $257,563.60
Proceed Order Date: April 22, 1982
Work Started: May 25, 1982

Riverside Contracting, Inc.
Paradise, Montana
Ross M. Johnson, FPM
Phone: 222-6028 Livingston
Contract Time: 60 Working Days
Completion Date: 7/30/82
Effective Opening Date: 7/30/82

The final estimate and supporting data was submitted to the Butte District Office for final checking on September 15, 1982.

F 13-1(7)18
Raynolds Pass Rest Area
Madison County
Contract Awarded: January 8, 1982
Contract Amount: $16,776.00
Proceed Order Date: April 16, 1982
Work Started: May 4, 1982

Swan & Sons Construction, Inc.
Anaconda, Montana
William G. Shuyler, FPM
Phone: 682-4971 Ennis
Contract Time: 45 Working Days
Completion Date: Sept. 13, 1982
Effective Opening Date: N/A

Two valves were installed on September 7 and one "Handicap" sign was installed on September 13th completing all work on this project.

SOS 16(5)
Goldenstein Lane
Gr., Agg., Surf., Pl. Mix Surf.
Seal and Cover and a 65' Prest. Conc.
Gird. Br. Gallatin County
Length - 0.2 Mile
Contract Awarded: June 30, 1982
Contract Amount: $259,023.05
Proceed Order Date: July 20, 1982
Work Started: July 7, 1982

West Valley Construction, Inc.
Anaconda, Montana
Roger E. Blossom, PE, FPM - Grade
Phone: 586-5074 Bozeman
Jerry R. Branum, FPM - Structure
Phone: 222-7085 Livingston
Contract Time: 75 Working Days
Probable Completion: 11/22/82
Effective Opening Date:

Work the past period has been concentrated on the structure. The Contractor placed 14 cu. yds. of Class DD concrete for the Abut. No. 1 backwall and end diaphragms. He also placed 13 cu. yds. of Class DD concrete for Abut. No. 2 backwall. Forming of the deck was completed on September 11th and the Contractor shut down operations early on September 10th through the 14th because of inclement weather. Two men have been performing inspection duties on this structure which is now 54% complete. As of September 11, the Contractor had used 51% of his contract time and has 37 working days of contract time remaining.

FR 29-1(8)0 U-1
Virginia City - West
Length - 6.0 Miles - Madison County
Contract Awarded: November 6, 1981
Contract Amount: $487,411.50
Proceed Order Date: April 16, 1982
Work Started: April 8, 1982

Jim Gilman Excavating, Inc.
Butte, Montana
William G. Shuyler, FPM
Phone: 682-4971 Ennis
Contract Time: 60 Working Days
Probable Completion: 10/20/82
Effective Opening Date: 8/15/82

All items of work have been completed with the exception of seeding and fertilizing. This project is 99% complete with 93% of contract time elapsed.

FR 29-1(8)0 U-2
Virginia City - Ennis
Length - 7.7 Miles Madison County
Plant Mix Overlay, Etc.
Contract Awarded: May 21, 1982
Contract Amount: $761,097.65
Proceed Order Date: June 14, 1982
Work Started: August 12, 1982

Konitz Contracting, Inc.
Lewistown, Montana
William G. Shuyler, FPM
Phone: 682-4971 Ennis
Contract Time: 70 Working Days
Probable Completion: 6/1/83
Effective Opening Date:

Progress has been fair with the Contractor employing fourteen men. The culvert work was completed on September 15, major dirt work on September 16 and the top soil item was completed on September 17. Cleanup work is in progress and the Contractor is presently setting up his crusher. Four men are assigned inspection duties on this project which is 16% complete with 46% of the contract time elapsed. The Contractor has 38 days of contract time remaining.

FR 50-2(9)89 & F 86-1(12)1
Main Street - Boz & Bridger Canyon Road
Length - 0.9 Mile & 1.3 Mile Gallatin Co.
Plant Mix Bitum. Surf. Overlay, Etc.
Contract Awarded: May 21, 1982
Contract Amount: $450,667.75
Proceed Order Date: June 14, 1982
Work Started: August 3, 1982

Long Construction Co., Inc.
Billings, Montana
Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman
Contract Time: 60 Working Days
Probable Completion: 10/20/82
Effective Opening Date:

Striping of Main Street has been completed and the Contractor should begin paving on Bridger Drive in the near future.

MSC 59-2(1)38, MSC 59-2(2)51 &
MSC 90-7(47)330 Seal & Cover
3.5 Mi., 3.3 Mi., & 15.1 Miles
Meagher and Park Counties
Contract Awarded: April 29, 1982
Contract Amount: $339,633.00
Proceed Order Date: May 20, 1982
Work Started: July 12, 1982

Long Construction Co., Inc.
Billings, Montana
Ross M. Johnson, FPM
Phone: 222-6028 Livingston
Contract Time: Sept. 1, 1982
Completion Date: July 28, 1982
Effective Opening Date: 7/28/82

It is estimated that the final estimate and supporting data will be transmitted to Helena by September 24, 1982.

F 64-1(4)3 U-2
US 191 - Big Sky Spur
Gr., Dr., Agg., Surf. Pl. Mix Surf.
Length - 6.1 Miles - Gallatin and
Madison Counties
Contract Awarded: August 24, 1979
Contract Amount: $4,095,893.40
Proceed Order Date: September 14, 1979
Work Started: September 21, 1979

Rehbein Contracting, Inc.
Plains, Montana
Donald J. Coughlin, FPM
Phone: 586-5074 Bozeman
Contract Time: 180 Working Days
Completion Date: Sept. 8. 1982
Effective Opening Date: 9/8/82

The last work on this project was completed on September 8, 1982.

F 64-1(4)3 U-3
US 191 - Big Sky Spur
Slide Correction Work
Length - 6.1 Miles - Gallatin &
Madison Counties
Change Order Approved by Const. Bureau:
August 13, 1982
Change Order Amount: $109,000.00
Work Started: August 23, 1982

State Forces
Field Maintenance Bur., Bozeman
Richard L. Miller, Chief - FMB
Phone: 449-4760
Contract Time: N/A
Probable Completion: 10/01/82

Sime Construction Company has completed their portion of the grading and drainage corrections and moved off the project on September 16, 1982.

I 90-7(37)350 U-1
Springdale - Big Timber
G, AS, PMS, OGFC, Dual 123'
Prest. Conc. Girder Str. & Dual 114'
Prest. Conc. Girder Str.
Length - 4.6 Miles Park & Sweet Grass Co.
RS-BRS 563-1(3)0 U-2
Springdale - Hunters Hot Springs
G, AS, Signing, Fe.
Length - 0.2 Mile
Contract Awarded: February 28, 1981
Contract Amount: $5,790,026.97
Proceed Order Date: April 16, 1981
Work Started: March 11, 1981

Wickens Brothers
Lewistown, Montana
George A. Sitton, FPM - Grade
Phone: 222-7085 Livingston
Jerry R. Branum, FPM - Structure
Phone: 222-7085 Livingston
Contract Time: 230 Working Days
Probable Completion: 9-24-82
Effective Opening Date: 9 /09/82

Progress has been good with the Contractor employing 20 men. The open graded friction course paving was completed on September 8, roadway was striped on September 9 and the pit will be seeded as soon as it is shaped and topsoiled. Five men have been assigned inspection duties on this project which is 99% complete with 76% of the contract time elapsed. The Contractor has 55 working days of contract time remaining.

I 90-7(37)350 U-2
Springdale - Big Timber
Gr., Agg., Surf., Pl. Mix Surf.
Dual 78' Conc. Slab Str.
Length - 3.2 Miles Sweet Grass County
Contract Awarded: April 1, 1982
Contract Amount: $3,156,442.68
Proceed Order Date: April 27, 1982
Work Started: April 26, 1982

McIntyre Construction Co.
Great Falls, Montana
George A. Sitton, FPM
Phone: 222-7085 Livingston
Contract Time: 120 Working Days
Probable Completion: 06-30-83
Effective Opening Date:

Progress has been good with the Contractor employing between 30 and 40 men and working 9-hour shifts. During the past period the Contractor moved 26,000 cu. yds. of unclassified excavation and 43,000 cu. yds. of unclassified borrow. The unclassified excavation item is now 91% complete and the borrow item is 66% complete. Finishing operations are in progress between Sta. 1315 and 1390. Top soil was placed between Sta. 1335 and 1390 and unclassified borrow was hauled from the pit right of Sta. 1248 and placed in the fill between Sta. 1246 and 1256.

One hundred and six lin. ft. of 36" RCP was installed at Sta. 1390 and placement of 1 1/2" base course material was started on September 10th between Sta. 1346 and 1386. To date, 8,000 tons of 1 1/2" base course has been placed on the roadway. Progress on the structures has been fair with the Contractor employing an average of four men and working six 8-hour shifts. During the past period the Contractor placed Class BD concrete for the wing wall barrier curbs at Abut. No.1 E.B. and W. B. Backfill material was placed and compacted at the end Abut. of both the E.B. and W.B. structures. The structures at a whole are now 96% complete. An eight man engineering crew is assigned to the grading portion of the contract and three men are performing inspection duties on the structure portion. The Contract as a whole 53% complete with 59% of the contract time elapsed. The Contractor has 57 working days of contract time remaining.

I 90-7(45)368
Big Timber - Greycliff
Second Stage Overlay
Length - 6.9 Miles - Sweet Grass Co.
Contract Awarded: August 4, 1981
Contract Amount: $1,323,507.55
Proceed Order Date: August 24, 1981
Work Started: September 1, 1981

Meyer Construction Co.
Billings, Montana
Ross M. Johnson, FPM
Phone: 222-6028 Livingston
Probable Completion: 8/31/82
Contract Time: 75 Working Days
Effective Opening Date: N/A

This project is complete with the exception of some minor cleanup work at the east Big Timber Interchange. As of September 11th, the Contractor has 11 working days of contract time remaining.

I 90-7(46)340
Mission Interchange Slide
Length - 0.0 Mile Park County
Slide Correction
Contract Awarded: May 21, 1982
Contract Amount: $338,338.60
Proceed Order Date: June 15, 1982
Work Started: June 14, 1982

Baltrusch Construction Co., Inc.
Havre, Montana
Ross M. Johnson, FPM
Phone: 222-6028 Livingston
Contract Time: 40 Working Days
Probable Completion: 10/30/82
Effective Opening Date: N/A

With the exception of the seeding and some minor fencing, this project has been completed. The seeding will be done sometime this fall.

RS 540-1(2)7
East River Road - Park County
Length - 10.3 Miles
Pl. Mix Overlay, Str. Repair
Contract Awarded: July 27, 1982
Contract Amount: $698,325.40
Proceed Order Date: August 17, 1982
Work Started: September 7, 1982

Meyer Construction Co.
Billings, Montana
Ross M. Johnson, FPM
Phone: 222-6028 Livingston
Contract Time: 60 Working Days
Probable Completion: 6/30/82
Effective Opening Date:

Progress has been poor with the Contractor employing between 10 and 15 men and working eight 8-hour shifts. Cop Construction, Sub-Contractor began work on September 7, 1982 and work has consisted of removal of the concrete curb portion of the wings and placing concrete through the seats bringing the repairs structure item to 20% complete.

Meyer Construction moved onto the project on September 8, 1982 and began work on September 15, 1982 on shoulder preparation and gravel placement. An eight man engineering crew is presently assigned to this project which is 1% complete with 28% of the contract time elapsed. The Contractor has 44 working days of contract time remaining.

M 1201(3)
North 19th Avenue - Bozeman
Gr., Agg., Surf., Pl. Mix Surf. Dr.
Length - 0.5 Mile Gallatin County
Contract Awarded: February 4, 1982
Contract Amount: $1,005,376.40
Proceed Order Date: April 16, 1982
Work Started: April 21, 1982

Long Construction Company
Billings, Montana
Ole F. Olson, FPM
Phone: 586-5074 Bozeman
Contract Time: 90 Working Days
Probable Completion: Nov. 1982
Effective Opening Date:

Western Sign Corp., Sub-Contractor, was unable to complete their portion of the contract because of non delivery of signal lights and controller box components. This material was delivered on September 13 and the signal light should be installed by the end of next week. The prime Contractor has completed all work with the exception of seeding. Six men are presently assigned engineering duties on this project which is 94% complete with 86% of the contract time elapsed. The Contractor has 13 working days of contract time remaining.

Sincerely,

Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH/EJR:cn
cc: Ken G. Rapp
Lee Alt
Boz Div Ofc
Boz Div Lab

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
SEPTEMBER 20, 1982

RECEIVED
SEP 2 [illegible]
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Great Falls District

Gentlemen:

Submitted herewith is the Progress Report for the Great Falls District during the period September 7, 1982 through September 20, 1982.

GENERAL

Weather throughout the District has been mostly favorable, with temperatures ranging from +29° to +85° and some rain and snow.

PRECONSTRUCTION

LOCATION PROJECTS

RF 24-3(3) 76
Rogers Pass East-West (East & West Sections)
Location Survey
Lewis & Clark County
Length: 17.0 Miles
Date Survey Authorized: March 13, 1980

Glen Enderson - Manager F.P.U.
Great Falls - Phone #453-2573
Work Started: Dec. 9, 1980
Prob. Comp. Date:

EAST SECTION - 7.7 MILES
The photogrammetry data was submitted to Helena and location data to Great Falls Design Section on July 7, 1982. This portion of the location survey is 100% complete.
WEST SECTION - 9.3 MILES
Survey was suspended indefinitely at the end of shift on July 27, 1982 as crew was assigned to other projects. This portion is 64% complete.

S 330-1(01) Cascade - Ulm Loop
Location Survey
Length: 26.5 Miles

No work during this reporting period. Additional section corner ties are required. Work will commence when crew is available.

M 5212(1)
Great Falls South Arterial
Cascade County
Location Survey
Length: 8.8 Miles

Frank Robinson - Manager F.P.U.
Great Falls - Phone #453-2573
Survey Authorized: 9-17-81
Work Started: Dec. 10, 1981
Prob. Comp. Date: Oct. 31, 1982

No work during this reporting period. The survey remains 45% complete with 210 man-days used to date.

M 5225(1)
Int. Ramps I-315 at 14th St. S.W.
Great Falls
Cascade County
Length: 0.4 Miles
Survey Authorized: March 4, 1978

Frank Robinson - Manager F.P.U.
Great Falls - Phone #453-2573
Survey Started: Oct. 8, 1980
(Revised Alignment)
Prob. Comp. Date: Oct. 31, 1982

No progress during this reporting period. Twelve days have been used to date. The total survey remains 6% complete.

DESIGN PROJECTS

RF 24-3(3) 76
Rogers Pass East & West
Design
Lewis & Clark County
Length: 17.0 Miles

R. Fransen - Designer III
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec., 1982

EAST SECTION - 7.7 MILES
Two men worked 5 days plotting hardshell and checking field data. Design is 13% complete.
WEST SECTION - 9.3 MILES
One man worked 8 days plotting hardshell. Design is 6% complete.

F 60-2(3) Great Falls - East
Length: 9.537 Miles
Design Started: Sept. 7, 1976

R. Fransen - Designer III
Great Falls - Phone #452-2361
Prob. Comp. Date: Unknown

Project has been suspended pending a review of the scope of the project.

FR 60-2(8) 71
Belt - East & West
Design Project
Plant Mix Overlay
Length: 10.6 Miles
Design Started: June 23, 1980

R. Fransen - Designer III
Great Falls - Phone #452-2361
Design Authorized: 3-12-80
Prob. Comp. Date: Dec., 1982

Two men worked 9 days reducing cross-sections and plotting groundline. Design is 19% complete.

SR 223-1( ) 1
Fort Benton - Chester
11 Miles - Overlay
Design Project

R. Fransen - Designer III
Great Falls - Phone #452-2361
Prob. Comp. Date: Sept. 15, 1982
Work Started: July 14, 1982
Work Completed: Sept. 17, 1982

One man worked 5 days making P.I.H. changes, writing Special Provisions and preparing estimate. Project was completed and hand carried to Helena on September 17, 1982. This is the final report.

CONSTRUCTION

I 15-5(71) 239
Cascade North & South
Surfacing & Friction Course
Cascade County
Length: 14.3 Miles
Contract Awarded: June 30, 1981
Contract Amount: $1,293,245.64
Work Started: July 24, 1981

Konitz Contracting Co., Inc.
P.O. Box 585, Lewistown, Mt.
Frank Robinson - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 75 Working Days
Comp. Date: Aug. 24, 1982

The project was completed August 24, 1982 using 100% of the contract time provided. We expect the Final Estimate to be submitted to the District office on September 24, 1982.

I 15-5(74) 246 U-1 & 2
Sheep Creek Slides
Cascade County
Length: N/A
Contract Awarded: March 5, 1982
Contract Amount: $304,000.54
Work Started: April 1, 1982

Swan Construction Company
Rte.#1, Box 111, Anaconda, Mt.
Frank Robinson - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 50 Working Days
Comp. Date: July 23, 1982

The project was completed July 23, 1982, using 95% of the contract time provided. Final Estimate was submitted to District office on September 13, 1982.

IR 15-5(73) 274
So. Frontage Road - Great Falls
Plant Mix Surf.
Cascade County
Length: 3.6 Miles
Contract Awarded: Jan. 8, 1982
Bid Amount: $714,948.72
Work Started: April 15, 1982

Long Construction Co., Inc.
P.O. Box 1690, Gt.Falls, Mt. 59403
Glen Enderson - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 60 Working Days
Comp. Date: Aug. 25, 1982

The project was completed August 25, 1982, using 107% of the contract time provided. We expect the Final Estimate to be submitted to the District office on September 30, 1982.

I 15-5(72) 277
Gore Hill Slide Restoration
Cascade County
Contract Awarded: May 21, 1982
Bid Amount: $67,947.00
Work Started: June 9, 1982

Montana Sand & Gravel, Inc.
P.O. Box 1341, Gt.Falls 59403
Glen Enderson - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 30 Working Days
Comp. Date: Sept. 7, 1982

Progress was good. The contractor employed 2 to 5 men on three shifts. Seeding and Fertilizing were started on September 2, 1982, using a Hydro-Seeder and finished on September 3, 1982. Contractor finished replacing Fence and other project cleanup on September 7, 1982, making the project 100% complete. The project was completed, using 137% of the contract time provided. We expect the Final Estimate to be submitted to the District office on September 30, 1982.

IR 15-7(20) 312
Brady - North & South
Recycle Bit. Surf. & Friction Courses
Teton & Pondera Counties
Length: 11.6 Miles
Contract Awarded: June 30, 1981
Contract Amount: $3,765,665.82
Work Started: July 21, 1981

Duninck & Gilchrist Const.
P.O. Box 208, Prinsburg,Mn. 56281
Stan Newton - Manager F.P.U.
Conrad - Phone #278-7931
Comp. Time: 120 Working Days
Prob. Comp. Date: Oct. 15, 1982

Progress has been good. Sub-contractor, Johnston, employed 2 men on two 10 hour shifts completing construction of contraction joints on September 9, 1982. Seeding of connection area remains to complete the project. The project as a whole is 99% complete with 96% of the contract time elapsed. A 2 man engineering crew is engaged in other assignments.

HES 3-1(4) 0
Vaughn - Flasher
Cascade County
Contract Awarded: June 30, 1982
Contract Amount: $7,936.00
Work Started:

Livesay Traffic Maint., Inc.
Great Falls
Frank Robinson - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time:
Prob. Comp. Date: Dec. 31, 1982

Contract time has been suspended per Article 87-03 of the Standard Specifications and Article 4D of the Special Provisions. Contractor still expects a 20 to 24 week delivery on signal components. To date no approval has been received from Helena on previously submitted catalog sheets.

F 3-1(5) 2
Sun River Jct. - East & West
Plant Mix Overlay
Cascade County
Length: 7.5 Miles
Contract Awarded: April 1, 1982
Contract Amount: $680,283.75
Work Started: July 21, 1982

Hilde Construction Company
Great Falls
Tom Hammerbacker - Manager F.P.U.
Conrad - Phone #278-7931
Comp. Time: 120 Working Days
Prob. Comp. Date: Sept. 15, 1982

Progress has been good. Sub-contractor employed 5 men on five 8 and one 10 hour shifts completing Guard Rail, Striping and Revise Bridge Rail. Contractor is waiting until the seeding date of October 15 to complete the project. The project as a whole is 99% complete with 43% of the contract time elapsed. A 3 man engineering crew is engaged in testing and inspection.

FR 24-3(3) 76 U-1
Rogers Pass East & West
Plant Mix Overlay
Lewis & Clark County
Length: 7.4 Miles
Contract Awarded: Feb. 26, 1981
Contract Amount: $752,466.44
Work Started: May 26, 1981

Meyer Construction Company
P.O. Box 1417, Billings, Mt. 59103
Tom Hammerbacker - Manager F.P.U.
Conrad - Phone #278-7931
Comp. Time: 75 Working Days
Comp. Date: July 8, 1982

FR 24-3(3) 76 U-1 - Continued

The project was completed July 8, 1982, using 92% of the contract time provided. The Final Estimate was submitted to the District office on September 7, 1982.

F 60-2(5) 92 U-1
Warden Bridge - Great Falls
Cascade County
Length: 0.198 Miles
Contract Awarded: Jan. 23, 1981
Contract Amount: $4,792,996.20
Work Started: Feb. 12, 1981

Sletten Construction Company
P.O. Box 2467, Gt.Falls 59403
Tony Tomich - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 310 Working Days
Prob. Comp. Date: Oct. 15, 1982

Progress has been good. The contractor employed 18 to 30 men on ten 8 hour shifts placing overlay, removing forms, placing concrete, setting hand rail and finishing concrete. Contractor is now working on cleanup. The painter plans to start this coming week, weather permitting. Items and percentages complete are: AD Conc. and HDC Overlay - 95%, Shoring & Cribs, Resteel, Prest. Beams, Embankment-in-Place and Structure Exc. & Piling - 100% complete. The project as a whole is 95% complete with 75% of the contract time elapsed. A 3 man engineering crew is engaged in layout, concrete inspection and cleanup.

ER 226-1(2) 081 U-1 & U-2
Belt Creek - Secondary 331
Bird Creek - Secondary 330
Flood Repair
Cascade County
Contract Awarded: Aug. 24, 1982
Contract Amount: $50,087.80
Work Started:

Swan & Sons Construction, Inc.
P.O. Box 111, RFD #1, Gt.Falls
Glen Enderson - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 25 Working Days
Prob. Comp. Date: 10-20-82
Effective Opening Date:

The preconstruction conference was held on September 10, 1982. No work has started: Contractor plans to start pumping the water at Bird Creek on or about September 20, 1982, finishing all of Unit 2 before starting Unit 1. The project as a whole is 0% complete with 0% of the contract time elapsed. A 4 man engineering crew is engaged in layout.

RS-BRS 330-1(5) 1
Ulm Bridge & Approaches
0.529 Miles
Cascade County
Contract Awarded: Nov. 30, 1981
Contract Amount: $1,861,841.10
Work Started: Feb. 22, 1982

Sletten Construction Company
P.O.Box 2467, Gt.Falls 59403
Don Harrison - Manager F.P.U.
Great Falls - Phone #452-2361
Comp. Time: 220 Working Days
Prob. Comp. Date: July, 1983
Effective Opening Date:

RS-BRS 330-1(5) 1 - Continued

STRUCTURE
Progress has been good. The contractor employed 4 to 10 men on 8 hour shifts finishing driving sheet piles and removing excavation for Pier No. 2, drove test piles at Pier No. 2 and Bent No. 4, drove service pile for Bent No. 4 and is presently driving service pile for Pier No. 2. Pier No. 2 Cofferdam is in place and pile driving is 40% complete. Contractor plans to place Pier No. 2 seal concrete on September 17, 1982. Pier No. 3 is complete and all piles are driven on Bent No. 4. Contractor plans to cut off piles and start forming cap on September 20, 1982. Items and percentages of completion are: Drive Untrtd. Timber Pile and Drive Trtd. Timber Pile - 75%, Training Program - 34%, Pile-Prebore - 74%, Furnish Untrtd. Timber Pile - 76%, Furnish Trtd. Timber Pile - 78%, Struct. Excavation - Type II - 79%, Shoring & Cribs - 95% and Test Pile - Untrtd. Timber - 98%. A 1 to 3 man engineering crew is engaged in inspection and layout.
ROADWAY
No work was performed by the sub-contractor. The project as a whole is 47% complete with 33% of the contract time elapsed.

SR 365-1(3) 0
Brady - East
7.0 Miles Upgrade & Overlay
Pondera County
Contract Awarded: Sept. 30, 1981
Contract Amount: $1,496,641.89
Work Started: October 9, 1981

Duninck & Gilchrist Const.
P.O. Box 208, Prinsburg,Mn. 56281
Tom Hammerbacker - Manager F.P.U.
Conrad - Phone #278-7931
Comp. Time: 90 Working Days
Prob. Comp. Date: Oct., 1982

No progress during this reporting period. The slopes remain too wet to allow good finishing operations. The project as a whole remains 99% complete with 69% of the contract time elapsed.

BR 9050(4)
Bridge over Bynum Ditch
Teton County
Length: 0.012 Miles
Contract Awarded: April 1, 1982
Contract Amount: $68,696.00
Work Started: April 30, 1982

Tonca Construction Company
Bozeman, Montana
Harry Strong - Manager F.P.U.
Great Falls - Phone #452-2361
Comp. Time: 60 Working Days
Comp. Date: July 28, 1982
Comp. Date: July 28, 1982

The project was completed on July 28, 1982, using 72% of the contract time provided. The Final Estimate was submitted to the District office on September 10, 1982.

PMS 4140(61) U-2
Havre - Great Falls
Lewistown & Billings Division
Inlaid Thermoplastic Pavement Markings
Statewide
Contract Let: July 22, 1982
Contract Amount: $70,292
Work Started:

Livesay Traffic Maint., Inc.
1509 High Street
Great Falls, Mt. 59405
Frank Robinson - Manager F.P.U.
Great Falls - Phone #453-2573
Contract Time: 45 Working Days
Prob. Comp. Date: Oct. 19, 1982

PMS 4140(61) U-2 - Continued

The preconstruction conference was held August 16, 1982 in the Great Falls District office. The contractor plans to begin work in Great Falls on September 20, 1982.

SMP 0799-81
Maintenance Stockpiling
Cascade-Lewis & Clark & Judith Basin Counties
Contract Awarded: Jan. 8, 1982
Bid Amount: $285,691.00
Work Started: May 6, 1982

Konitz Contracting Co., Inc.
P.O. Box 585, Lewistown, Mt.
Harry Strong - Manager F.P.U.
Conrad - Phone #278-7931
Comp. Time: 105 Working Days
Comp. Date: Aug. 2, 1982

The project was completed on August 2, 1982, using 59% of the contract time provided. We expect the Final Estimate to be submitted to the District office on or about September 24, 1982.

H A V R E A R E A

PRECONSTRUCTION

FR 10-3(4) 91
Box Elder - Havre
13.0 Miles - Hill County
Mapping Survey

Unassigned

No work on this project this reporting period. The property ties remain 50% complete and the project as a whole is 85% complete. The engineering crew is working on other projects.

RS 236-2(1) 65
Big Sandy - South
12.0 Miles - Chouteau County
Preliminary Engineering

Samuel Hatty - Manager F.P.U.
Havre, Montana
Phone #265-6821

No work on this project this reporting period. The hardshell is 100% complete and the centerline profile is 50% complete. The field work is 100% complete. 409 man-days have been used to date.

RS 233-4(9) U-2
Havre - North
6.0 Miles - Secondary Route #233
Project Design

Jacob Liebelt - Engr. Off. 1
Phone #265-6821
Havre, Montana

One man worked 5 man-days rebalancing quantities on this section of the project, for 81% complete. It is anticipated this work will be completed by September 24, 1982.

RS 240-1(1) 11
Chinook - Cleveland
14.0 Miles - Blaine Co.
Project Design

Jacob Liebelt - Engr. Off. 1
Havre, Montana
Phone #265-6821

One man worked 1 man-day completing P.I.H. changes and additions. The design plans and data was hand carried to Helena and submitted to the Preconstruction Bureau on September 9, 1982.

F 44-1(01) 13
Valier - East
7.2 Miles - Pondera County
Project Design

Jacob Liebelt - Engr. Off. 1
Havre, Montana
Phone #265-6821

This project is in a suspend work status as of January 4, 1982. Design as a whole is 13% complete with 59½ man-days used to date.

F 58-1(3)
Hudson Bay Divide - South
3.2 Miles - Glacier County
Location Survey

Hugh Klepzig - Manager F.P.U.
Cut Bank, Montana 59427
Phone #873-2112

This project is in a suspend work status as of January 4, 1982. The location survey as a whole is approximately 35% complete.

F 10-2(2) 79
Big Sandy - North
9.1 Miles - Chouteau County
Project Design

Jacob Liebelt - Engr. Off. 1
Havre, Montana
Phone #265-6821

This project is in a suspend work status as of January 4, 1982. Cross-sections are plotted and inked. Plotting topography on cross-sections and hardshell are 100% complete. Design as a whole is 20% complete.

CONSTRUCTION

IR 15-8(39) 351
Shelby - North & South
17.6 Miles - Toole County
Recycle & Plant Mix Overlay
Contract Let: December 17, 1981
Contract Amount: $4,985,346.01
Work Started: May 11, 1982

Duninck Bros. & Gilchrist
Prinsburg, Mn.
Sam Hatty - Manager F.P.U.
Havre, Montana
Phone #434-2022
Contract Time: 140 Working Days
Prob. Comp. Date: Nov. 19, 1982

IR 15-8(39) 351 - Continued

Progress has been fair. The contractor has worked one 8 to 14 hour shift per day with up to 45 men employed. 12,318 tons of recycled Plant Mix was placed on the roadway this reporting period, making this item 87% complete to date. 10,035 tons of Plant Mix Gr. B was hauled and placed on the roadway, making this item 52% complete. Open grade friction course operations will begin when weather permits. The subcontractor, One Way Sign, has been working a single shift per day installing guard rail and maintaining construction signs. The subcontractor, Boroni Construction, has been working three 8 hour shifts with 5 men employed crushing and stockpiling aggregate material. An 18 man engineering crew is engaged in construction layout and inspection. The project as a whole is 60% complete with 59% of the contract time elapsed.

FR 1-3(5) 198
Glacier County Line - East
6.7 Miles - Glacier County
Plant Mix Overlay - Seal & Cover
Contract Let: Sept. 24, 1981
Contract Amount: $908,253.20
Work Started: June 30, 1982

Konitz Contracting, Inc.
Lewistown, Montana
Hugh Klepzig - Manager F.P.U.
Cut Bank, Montana
Phone #873-2112
Contract Time: 75 Working Days
Prob. Comp. Date: July 15, 1983

Progress this reporting period was fair. The contractor worked five 10 hour shifts with 16 to 20 people employed, placing 8145 tons of plant mix material, for a total of 16,775 tons to date. The first lift is completed as well as 4 miles of the second lift. No other work is being done at this time. The project as a whole is 40% complete with 81% of the contract time elapsed. A 7 man engineering crew is engaged in construction inspection and testing.

FR 1-7(1) 404
Chinook - East
9.8 Miles - Blaine County
Plant Mix Overlay - Seal & Cover
Contract Let: Sept. 24, 1981
Contract Amount: $1,044,440.80
Work Started: October 9, 1981

Hilde Construction Co., Inc.
Great Falls, Montana
H.C. Strong - Manager F.P.U.
Havre, Montana
Phone #265-5292
Contract Time: 70 Working Days
Prob. Comp. Date: Oct. 15, 1982

Contract items are 100% complete. Work remaining consists of repair of Irr. Culvert at station 162+74. Project as a whole is 99% complete with 79% of the contract time elapsed.

TQS 236-1(3) 49 U-1 & 2
Winifred - Big Sandy
1.4 Miles - Fergus-Chouteau Counties
Grade, Gravel & Structure
Contract Let: July 24, 1980
Contract Amount: $3,311,034.38
Work Started: Sept. 11, 1980

Morgan & Oswood Const. Co.
Great Falls, Montana
Structures & Roadway
Glen E. Brown - Manager F.P.U.
P.O.ox 341 - Big Sandy, Mt.
Phone #386-2420
Contract Time: 250 Working Days
Prob. Comp. Date: Oct. 29, 1982
Effective Opening Date:

TQS 236-1(3) U-1 & 2 - Continued

Progress has been good. The prime contractor, Morgan Oswood Construction Co. Inc., worked four 8 hour shifts with up to 13 men employed. Work consisted of pouring and finishing Barrier Rail, which completes the concrete on the structure. Deck stripping and finishing is 75% complete. Subcontractor, Hanson Painting, employed 2 men cleaning, priming and painting, which is 50% complete. Subcontractor, Konitz Contracting, Inc., worked with up to 5 men employed shaping subgrade and installing scale. Began graveling operations on September 15, 1982. Subcontractor, Northwest Fence, worked 8 hour shifts with 4 men employed putting in fence on both sides of the river. The project as a whole is 92% complete with 89% of the contract time elapsed. A 2 to 7 person engineering crew is engaged in construction inspection and layout.

SMP 2199-81
Crushing & Stockpiling
Hill, Chouteau & Blaine Co.
Contract Let: Dec. 17, 1981
Contract Amount: $280,336.00
Work Started: March 26, 1982

Konitz Contracting, Inc.
Lewistown, Montana
H.C. Strong - Manager F.P.U.
Havre, Montana
Phone #265-5292
Contract Time: 85 Working Days
Comp. Date: Sept. 8, 1982

Progress has been fair. Contractor employed 10 men on ten 9 hour shifts producing and stockpiling 1/2" CTS from Pit No. 0310-25, which was completed on September 8, 1982, making project 100% complete with 112% of the contract time elapsed. A 4 man engineering crew were used in testing and were re-assigned upon completion of project.

R.W. Freeman - P.E. - Supvr.
District Construction Section
Great Falls

RWF/EWB/r

DIVISION OFFICE
GLENDIVE, MONTANA
September 16, 1982

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Preconstruction and Construction Newsletter for the period ending September 14, 1982.

GENERAL

The weather has been fair, with temperatures ranging from 40 to 97 degrees.

PRECONSTRUCTION

F 20-2(1)33, SAVAGE-CRANE
Length - 8.0+ Miles
Survey Started - December 11, 1972

Gerald Kuester, Designer III
Glendive, Montana - Ph. 365-5296
Design Started - August 4, 1975
Est. Comp. Date - Dec. 1982

No work on this project during the past period. Plans were sent to Helena on July 30, 1982 for P.I.H. prints. Design remains 73% complete with 410 man days used to date.

RF 20-2(2)52, SIDNEY-FAIRVIEW
Length - 11.6+ Miles
Survey Authorized - October 6, 1975
Survey Started - October 22, 1975
Date Survey Resumed - March 9, 1978
Date Survey Completed - April 13, 1981

Christian Spring Sielback & Assoc.
2020 Grand Ave., Billings, MT 59102
Est. Design Comp. Date - Dec. 1982

Preliminary plans have been received. The final P.I.H. was held May 25, 1982 and May 26, 1982.

RF 25-1(2)46, MISSOURI RIVER BRIDGE NEAR WOLF POINT
Approximate Length - 1.1 Miles
Survey Authorized - February 17, 1972
Survey Started - March 7, 1972
Survey Completed - April 27, 1972

Gerald Kuester, Designer III
Glendive, Montana - Ph. 365-5296
Design Started - January 27, 1982
Est. Comp. Date - Dec. 1983

No work during this past period. Design is 1% complete using 6½ man days to date. There will be no further work until after a public hearing.

F 26-1(1)3, SIDNEY-NORTH DAKOTA LINE
Length - 6 Miles Ground Control
Survey Requested - August 21, 1981
Survey Started - September 2, 1981
Survey Completed - October 21, 1981

Gerald Kuester, Designer III
Glendive, Montana - Ph. 365-5296
Design Started - February 3, 1982
Est. Comp. Date - Dec. 1983

No field work on this project during the past period. Vertical and horizontal control is 100% complete. Section ties are about 30% complete.

F 26-1(1)3 - continued

No work on this project during the past period. Design remains 5% complete with 35½ man days used to date.

RS 252-1(1)0, CIRCLE-WELDON
Length - 10.8 Miles

Gerald Kuester, Designer III
Glendive, Montana - Ph. 365-5296
Redesign Started - May 27, 1982
Est. Comp. Date - Dec. 1, 1982

During the past period one man day was used revising typical sections and making up linen summary sheet. Design is 52% complete with 15½ man days used to date.

SR 254-1(2)13, GLENDIVE-RICHEY
Length - 6.3 Miles
Survey Started - April 16, 1982

Gerald Kuester, Designer III
Glendive, Montana - Ph. 365-5296
Design Started - April 16, 1982
Est. Comp. Date - Dec. 1, 1982

No work on this project during the past period. There can be no more work until recommendations are received on items discussed on the P.I.H. Design remains 55% complete with 10½ man days used to date.

RS 258-1(1)0, RESERVE-EAST
Length - Approximately 11.0 Miles
Authorized - September 24, 1979
Suspended - February 28, 1980

Gerald Kuester, Designer III
Glendive, Montana - Ph. 365-5296
Design Started - February 17.1982
Est. Comp. Date - March 15, 1983

No work on this project during the past period. Design remains 25% complete with 88 man days used to date. The county has requested an overlay rather than new construction. Approval of this request has not been received.

CONSTRUCTION

FR 20-1(1)19, GLENDIVE-SIDNEY
Plant Mix Overlay and Slide Repair
Length - 10.0 Miles
Amount of Contract - $852,477.50
Dawson and Richland Counties
Contract Awarded - May 1,1981
Proceed Order Date - May 21, 1981
Work Started - May 21, 1981

Portable Pavers, Inc.
Box 1124, Miles City, MT 59301
Unassigned Fld. Proj. Mgr.
Glendive, Montana - Ph. 365-5296
Contract Time - 75 Working Days
Comp. Date - September 1,1982
Effective Opening Date - N/A

Sub-contractor Mark-Rite Lines began and completed striping operations on September 1, 1982, working one eight hour shift employing a total of 3 men. A total of 195 gallons of yellow paint and 410 gallons of white paint were placed from station 12+80 to station 532+12.

A one man engineering crew was assigned to this project on inspection duties and office work. Final quantities are 93% checked. The project as a whole is 100% complete using 80 working days or 104% contract time.

PROGRESS REPORT

CONSTRUCTION

F 26-1(2)0 U1 & U2, SIDNEY-EAST
RTF 62-2(3)20, SIDNEY-NORTH
Plant Mix Bituminous Overlay
Length - 17.8 Miles
Amount of Contract - $1,368,900.24
Richland County
Contract Awarded - April 1, 1982
Proceed Order Date - Spec. Prov. No. 11
Work Started - May 18, 1982

Border States Paving, Inc.
Box 3162, Fargo, ND 58103
Bernard Kelly, Fld. Proj. Mgr.
Glendive, Montana - Ph. 365-5296
Contract Time - 120 Working Days
Est. Comp. Date - Sept. 30, 1982
Effective Opening Date - N/A

Project RTF 62-2(3)20 Sidney-North, this project is completed.

Project F 26-1(2)0 Unit 1

The minor clean up work around culvert at station 18+40 remains to be done.

Project F 26-1(2)0 Unit 2

The seeding and fertilization and clean up work on the ditches remains to be completed.

The contract as a whole is estimated to be 99% complete with 60% of contract time elapsed.

Final estimate with 0 to 1 man engaged part time is estimated to be 55% complete.

FR 27-2(2)35, BAKER-NORTH
Plant Mix Overlay, Seals & Cover
Length - 8.9 Miles
Amount of Contract - $1,063,477.10
Fallon County
Contract Awarded - November 30, 1981
Proceed Order Date - April 16, 1982
Work Started - June 2, 1982

Meyer Construction Co.
Box 1417, Billings, MT 59103
Victor R. Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Ph. 365-5296
Contract Time - 70 Working Days
Est. Comp. Date - September 1982
Effective Opening Date - N/A

Progress has been fair. The prime contractor, Meyer Construciton Co., worked seven 11-13 hour shifts, one 4 hour shift employing 37 men. Work consisted of producing and placing plant mix bituminous surf. Gr. B. 10,549 tons making this item 100% complete. Other contract item percentages are as follows: Traffic control-devices--82%, Flagging--93%, Grader-motor hrs.--100%, Top surf 3/4" Gr 2A--91%, Asphalt cement 200-300--87%, Emuls, Asph. SS-1--31%, Guard Rail-End Anchor--100%, Guard Rail-Steel/conc. posts--100%.

Sub-contractor, Western Sign Co. worked two 8-10 hour shifts and one 4 hour shift employing 3-4 men installing and completed guard rail installation at two locations making this item 100% complete.

The project as a whole is 75% complete with 66 working days or 94% of the contract time elapsed. Engineering layout is 90% complete with seven engineers and testers assigned.

PROGRESS REPORT

CONSTRUCTION

F 27-3(2)80, WIBAUX "I" CONNECTION
Grade, Gravel, Plant Mix. Surf. Drain
Length - 1.5 Miles
Amount of Contract - $1,339,646.80
Wibaux County
Contract Awarded - November 30, 1981
Proceed Order Date - April 16, 1982
Work Started - May 11, 1982

Meyer Construction Co.
Box 1417, Billings, MT 59103
H.D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Ph. 365-2877
Contract Time - 110 Working Days
Est. Comp. Date - November 1982
Effective Opening Date - N/A

Progress has been poor. Contractor worked eleven variable length shifts and employed 28 men.

2091 lineal feet of curb and gutter was placed for a total of 7469 feet or 100% complete. 4428 Cu. Yds. unclassified excavation was moved for a total of 5428 Cu. Yds. or 33% complete. A total of 2040 Sq. Yds. concrete 4" sidewalk has been placed making this item 62% complete. 18,852.1 tons 1½" base course GR 5A has been hauled for 69% complete. 2227.9 tons plant mix bituminous base 1½" G1 has been produced for 19% complete. Work on electrical items is 34% complete.

The following items are complete: vault closures, street excavation, storm sewer installation.

The project as a whole is 50% complete with 56 of 112 work days used or 50% of the contract time elapsed.

Engineering layout is 92% complete with seven engineers and inspectors assigned.

F 57-7(6)326, I 94 BR & MT 16
Traffic Signal
Amount of Contract - $19,289.00
Dawson County
Contract Awarded - June 30, 1982
Proceed Order Date -
Work Started - July 13, 1982

Western Sign Corp.
Box 2669, Great Falls, MT 59403
Victor R. Scheuffele, Fld. Proj. Mgr,
Glendive, Montana - Ph. 365-5296
Contract Time - by Sept. 30, 1982
Completed - August 28, 1982
Effective Opening Date - N/A

The contractor, Western Sign Corp., completed the project of 8-28-82 with final acceptance being made on 8-31-82. Maintenance forces painted stop bars and island in southwest quadrant on 9-01-82. One man worked 1½ days on final notes making this item 50% complete.

BRS 323-1(5)56, LITTLE MISSOURI RIVER BRIDGE
141.5' Concrete Bridge & Appr's.
Length - 0.7 Miles
Amount of Contract - $362,955.89
Carter County
Contract Awarded - May 20, 1982
Proceed Order Date - June 14, 1982
Work Started - July 15, 1982

COP Construction Co.
Box 20913, Billings, MT 59104
Ken Quale, Fld. Proj. Mgr.
Glendive, Montana - Ph. 365-5296
Contract Time - 120 Working Days
Est. Comp. Date - November 15, 1982
Effective Opening Date - N/A

Progress has been fair, COP Construction Co. worked five 8 hour and four 9 hour shifts, with a total of 6 men employed.

Work consisted of excavating for and placing class "DD" concrete for footings on Pier No. 2. Seal concrete is 100% complete. Forming work is in progress for the pier shaft.

BRS 323-1(5)56 - continued

Prince, Inc. worked five 5 to 10 hour shifts with from 2 to 6 men employed; and completed the stockpiling of 3/4" C.T.S. and moved off of project.

The project is 37% complete with 49% of the contract time elapsed.

Engineering layout is 75% complete with two engineers assigned.

SMP 1399-81
Crushing & Stockpiling
Roosevelt, Fallon, McCone,
Valley, & Sheridan Counties
Amount of Contract - $322,275.00
Contract Awarded - Jan. 9, 1982
Proceed Order Date - February 1, 1982
Work Started - March 12, 1982

Wickens Brothers
222 S.W. Ash St., Lewistown, MT 59457
Victor R. Scheuffele, Fld. Proj. Mgr.
Contract Time - 100 Working Days
Comp. Date - August 31, 1982
Effective Opening Date - N/A

Project was completed on 8-31-82. The sub-contractor, John Prince Inc., completed reclamation of Fallon Co. pit, except for seeding, during the past period. 104 working days used of 95% of the contract time. Final estimate with zero people engaged is 10% complete.

F 20-2(5)51, CENTRAL AVE. & 14TH STREET
Traffic Signal
Amount of Contract - $ 17,953.00
Richland County
Contract Awarded - August 24, 1982
Proceed Order Date - N/A
Work Started - September 14, 1982

Midland Electric Company
P.O. Box 20216, Billings, MT 59104
Bernard Kelly, Fld. Proj. Mgr.
Glendive, Montana - Ph. 365-5296
Contract Time - by Oct. 15, 1982
Est. Comp. Date - Oct. 1, 1982
Effective Opening Date - N/A

A preconstruction conference was held in the division office on Monday, September 13, 1982 at 3:45 p.m.

Plans are to start digging pole bases and doing underground work on Sept. 14, 1982.

Layout with one man engaged part time is estimated to be 50% complete.

Respectfully,

Bruce Russell, P.E.
Supervisor Division Construction Section

BR/GLK/ls

cc: Div. File

Department of Highways
Wolf Point, Montana

RECEIVED
SEP 17 1982
CONSTRUCTION BUREAU

September 17, 1982

PROGRESS REPORT - Division 4230

Department of Highways
Helena, Montana

Gentlemen:

The following Construction Progress Report is for the period ending September 17, 1982.

GENERAL

Weather the past period has varied from cool to hot temperatures with a low of 40 degrees to a high of 90 degrees.

F 1-8( )500, Saco-East
Approximately 1.5 miles in length
Authorized - - -

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050

Preliminary estimate submitted to Helena 09-03-81.

FR 1-10(8)626, Brockton-East
Approximately 13 miles in length
Authorized 03-30-81
Location Survey Started 08-10-81
Location Survey Completed 06-10-82

James E. Baldwin, F.P.M.
Culbertson, Montana
787-5701

Location survey completed and all data submitted to Helena 06-15-82. Design will be completed in Helena.

RRS 22-1(1)14, 2 miles East of Flaxville
Approximately -- miles in length
Authorized 05-21-81
Location Survey Started 08-03-81
Location Survey Completed 10-16-81

Douglas A. Durocher, F.P.M.
Glasgow, Montana
653-1050

Cross sections, profile map, detail map, and linen plan sheets are completed. Design was shipped to Helena for design completion 10-16-81.

F 22-2(01), Plentywood-South
Approximately 10 miles in length
Authorized 05-22-70
Location Survey Started 12-09-74
Location Survey Completed 05-02-79

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started 09-15-80
Compl. Date (PIH) 09-15-80

P.I.H. for subject project was completed October 29, 1980. Design was submitted to Helena for completion. Utility P.I.H. completed 01-13-82.

FR 31-1(2)25, Glasgow-Opheim
Approximately 6.8 miles in length
Authorized 02-03-82
Location Survey Started 03-02-82
Location Completed 04-26-82

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050

All notes were submitted to Helena on July 20, 1982. Design is being completed in Helena.

F 32-1(01), Macon-North
Approximately 10 miles in length
Authorized 11-04-76
Location Survey Started 12-22-76
Compl. Date 06-14-79

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started 12-28-78
Est. Compl. Date (PIH)

All notes and supporting data were submitted to Helena on July 20, 1982. Design is being completed in Helena.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Authorized 01-11-79
Location Survey Reseumed 01-11-79
Location Survey Suspended 03-03-79

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started 01-01-79
Est. Compl. Date (PIH)

All notes and supporting data were submitted to Helena Preconstruction Bureau on December 10, 1980. Design is being completed in the Helena Office. P.I.H. held May 25, 1982.

F 32-2(4)61, Port of Scobey-South
Approximately 4.7 miles in length
Authorized 03-17-81
Location Survey Started 08-21-81
Location Survey Completed 03-15-82

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started 11-30-81
Est. Compl. Date (PIH)

Eighty-five man days used to date on design. Design is approximately 50% complete. Proposed plans submitted to Helena 03-15-82.

F 62-1(3), Missouri River Bridge
South of Culbertson
Location Survey Started 02-20-79

James E. Baldwin, F.P.M.
Culbertson, Montana
787-5701

Bridge site situation sheet submitted to Helena on 05-23-79. A total of 15 man days used to date on location survey.

S TOS 469-1(1), Snowden Bridge
Approximately -- miles in length
Location Survey Started
Location Survey Completed

James E. Baldwin, F.P.M.
Culbertson, Montana
787-5701

No man days used this period. Coordinate sheet submitted to Helena on 10-22-80.

RS 258-1(1)0, Reserve-East
Approximately 11.0 miles in length
Authorized 09-24-79
Suspended 02-28-80

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started 02-17-82
Est. Comp. Date

Project submitted to Glendive, for design completion, on 7-14-82.

RS 344-1(2), Froid-West
Approximately 7.5 miles in length
Authorized 05-01-78

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started 12-22-81
Est. Compl. Date 11-15-82

Five man days used this past period in checking design earthwork quantities and preparing data processing sheets for another run of quantities. Thirty-three man days used to date on design. Design is 8% complete.

CONSTRUCTION

FR 17-1(1)3, Nashua-Southwest
8.6 miles in length
Plant Mix Overlay & Widening
Contract Let 06-30-82
Contract Awarded 06-30-82
Proceed Order Date 07-20-82
Work Started 08-17-82
Bid Price $1,393,231.45

Hilde Construction, Co., Inc.
P.O. Box 2287
Great Falls, Montana
James E. Baldwin, F.P.M.
Culbertson, Montana
787-5701
Working Days - 80
Est. Compl. Date

19 men on grading and pipe crews worked 11-9 hour shifts this past period grading in miles 4 through 7 and installing small drainage structures in mile 3 through 8. 7 men on gravel crew worked 8-9 hour shifts crushing and stockpiling 1" base course. Began placing base course on finished shoulders in mile 4 on September 9 in conjunction with stockpiling operations. Items and percent complete are: Excavation and Borrow 53%; Drainage 67%; and Base Course Surfacing 2%. The project as-a-whole is 10% complete with 19 days or 24% of the contract time elapsed. The construction layout is 80% complete with a 6 man engineering and inspection crew assigned to the project.

RS 242-1(5)38, Loring-North
5.0 miles in length
Grade, Surf. Seal & Cover & Signing
Contract Awarded 11-30-81
Proceed Order Date 04-16-82
Work Started 04-29-82
Bid Price $1,133,333.77

Hilde Construction, Co., Inc.
P.O. Box 2287
Great Falls, Montana 59403
Douglas A. Durocher, F.P.M.
Malta, Montana
654-2669
Working Days - 100
Est. Compl. Date - - -

Progress this past period has been good. Prime Contractor Hilde Construction Co., Inc. employed 28 men on five various hour shifts during the period and produced and placed 16,228 tons of 1" plant mix base, Installed the cattle guard at station 2266+.
Subcontractor Western Sign Corp. employed 3 men on five various length shifts driving all of the steel posts and setting the barn poles on RS 242 & 243. They will come back and install the sign faces after the foundation curing time has been reached.

Subcontractor Bob Clark & Son Fencing Co. plan to move in and begin seeding and fertilizing operations on 9-20-82.
Fence men Inc. have been notified to come back in and complete the fence. Items and percent complete are: Unclassified Excavation, Culverts, Select Surfacing, Crushed Top Surfacing and Plant Mix Base 100%, Fencing items 99%, Seal and Cover 16%. The project as a whole is 90% complete with 75 days or 66% of the contract time elapsed.
All major items on the contract are complete but seal and cover material, there items cannot be completed until after May 15, 1983 therefore no assessment of contract time will be made until after that date.
A 13 day time extension was added to the contract for time lost during the strike and a change order. The construction layout with a three man engineering and inspection crew engaged is 98% complete.

MSC 1-0(9)656 &
MSC 62-2(4)5
Seal & Cover, Roosevelt & Richland Counties
Contract Let 04-22-82
Contract Awarded 04-29-82
Proceed Order Date 05-20-82
Work Started 06-28-82
Bid Price $250,379.00

Meyer Construction, Co.
Box 1417
Billings, Montana
James E. Baldwin, F.P.M.
Culbertson, Montana
787-5701
Calendar Days 09-01-82
Comp. Date 08-24-82

The final estimate and supporting data have been checked in the Division Office. The final estimate is being held in the Division Office, waiting for additional field notes.

PMS 4140(61)U-3
Pavement Markings
Statewide
Contract Let 07-22-82
Contract Awarded 07-27-82
Proceed Order Date 08-17-82
Work Started
Bid Price $64,378.59

Mark Rite Lines
P.O. Box 31474
Billings, Montana
Duane J. Novakovich, F.P.M.
Wolf Point, Montana
653-1050
Working Days - 45
Act. Compl. Date

No work on project this past period.

BR 9036(9), Beaver Creek Bridge, Phillips Co.
Length N/A
Contract Awarded 06-30-82
Proceed Order Date 07-20-82
Work Started 08-31-82
Bid Price $157,328.50

McIntyre Construction Co.
P.O. Box 2167
Great Falls, Montana
Larry K. Greufe, F.P.M.
Malta, Montana
654-2669
Working Days - 80
Est. Compl. Date 10-30-82

Progress this past period has been good. 4 to 6 men worked nine 8 hour shifts. They erected construction signing, sloped end fills for county, excavated and drove piling in pier 3 and bent 4, and formed and placed pier wall in pier 3.

Items and percent complete are: Traffic Control 44%, Contract Bond 100%, Concrete 20%, Str. Steel 15%, Str. Exc. 27%, Piling items 50%, and Reinforcing Steel 17%.
The project as a whole is 8% complete with 11 days or 14% of the contract time elapsed. One State employee is engaged in engineering and inspection.

W.S. Strizich, Supervisor
Division Construction Section

WSS:rmh:svm
cc: Field Project Managers
Lab
Don Williams
File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

Billings, Montana

September 17, 1982

Following is the Preconstruction and Construction Progress Report in Division 5130 for the period ending September 17, 1982.

GENERAL

Temperatures for the period ending September 17, 1982 ranged from 35 to 93 degrees with .99 inches precipitation received during the reporting period. Fair to good progress was reported on construction and preconstruction projects during the reporting period.

PRECONSTRUCTION

F 4-1(2)26 Bridger-Fromberg
Length: 7.448 Miles
Design Started: 7-1-78

James M. Young, Designer, III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 12-17-82

Two men worked on this project during the past reporting period checking the new proposed line projection and plotting new cross sections on the revised alignment. A combination design location and public hearing will be held in the Bridger City Hall at 7:00 P.M. October 14, 1982. Design work on the original design project remains at 50% and on the down scope type construction design work is 10% complete.

F 23-1(2)2 Miles City South-
North Sec.
5.701 Miles Design Work
Design Started: 11-20-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-29-82

One man worked on this project during the past reporting period checking the design information and revising the preliminary estimate. The date of the design public hearing has been changed to Wednesday, September 22, 1982 and will be held in Room 106 at the Miles City Community College. A final plan in hand inspection will be held the following day, September 23, 1982. Design work for both types of construction remains at 50% complete.

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FR 28-2(4)70 U-2 Red Lodge - Boyd
Length: 8.556 Miles
Design Started: 8-10-81

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 12-17-82

No design work was done on this project during the past reporting period. Design information has been submitted to Helena for printing of plan in hand prints. No date has been set for the inspection as of now. Design work remains at 50% complete.

IR 90-8(83)833 Reedpoint East
Overlay
Length: 7.8+ Miles
Survey Authorized: 2-7-82
Survey Began:

Unassigned

Work on the survey will begin when personnel are available.

RS 302-1(1) U-2 Molt-Rimrock Rd.
East Sec.
Length: 2.569 Miles
Design Started: 4-26-82

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-28-83

There was no design work on this project during the past reporting period. Design work remains at 1% complete.

RS 308-1(1)4 Red Lodge - East
Bearcreek Sec.
1.662 Miles Design Work
Design Started: 6-29-82

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-29-83

Two men worked on this project during the past reporting period designing work summary sheets, checking the new alignment projections, and inking topography on the linen plan and profile sheets. Design work is 10% complete.

CT 314-1(6)33 Busby - Kirby
Length: 12-4 Miles
Letting Date: 10-28-82

Raymond J. Schaak, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666

The project is scheduled to be let to contract on 10-28-82. A five man engineering crew worked 9-8 hour shifts during the reporting period. Work in progress consists of running the left Right of Way line from station 0+00 to 654+11, staking the grading limits in the areas of the underground Telephone Line relocations, and slope staking between stations 19+50 to 50+00. Preliminary staking work is approximately 14% complete.

I 90-9(14)542 Wyoming Line North
Aberdeen Access Road
Big Horn County
Preliminary Survey

Raymond J. Schaak, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666

One man worked 1-8 hour shift contacting landowners to obtain permission to survey.

BRS 313-1(3)24
Bridge Replacement south of
St. Xavier, Preliminary Survey
Survey Authorized: 6-29-82
Survey Began: 7-23-82

Donald R. Taylor, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138

During the past reporting period, a 3-4 person survey crew worked three 8 hour shifts completing the field survey and one person worked three 8 hour shifts checking notes and plotting the survey information on HYD-1 form.

CONSTRUCTION

IR 90-8(94)437 U-1 Mossmain-
Lockwood
3.6 Miles Plant Mix Bit.
Overlay, O.G.F.C. and
Signing
Yellowstone County
Contract Awarded: 4-29-82
Contract Amt: $1,256,338.75
Proceed Order Date: 5-24-82
Work Started: 7-19-82

Meyers Construction Company
Billings, Montana
Kenneth W. Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 100 Working Days
Probable Completion Date: 10-15-82
Effective Opening Date;

The contractor has worked six shifts and employed approximately 31 men placing slurry seal mixture, placing Top Surf. 3/4" material, and placing Plant Mix Bit. Surf. on the project. Traffic control devices are 11% complete, traffic control flagging 53% complete, remove pavement 100% complete, remove curb 100% complete, grader-motor 34% complete, top surf. 3/4" Gr. 2A 90% complete, plant mix bit. surf. Gr. B 20% complete, asphalt cement 120-150 16% complete, emulsified asphalt SS-1 8% complete, slurry mixture 100% complete, all other items on the project remain the same. The project as a whole is approximately 31% complete with 69 working days elapsed or 69% and a total of 31 working days remain.

FI 90-9(50)485 - 7 Mi. W. of Hardin
Pipe Repair
0.00 Miles
Big Horn County
Contract Awarded: 2-4-82
Contract Amt: $169,957.00
Proceed Order Date: 4-16-82
Work Started: 6-14-82

Swan & Sons Construction Co., Inc.
Anaconda, Montana
Raymond J. Schaak, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 60 Working Days
Completion Date: 8-24-82
Effective Opening Date: N/A

FI 90-9(50) 485 - 7 Mi. W. of Hardin (Continued)

All work items were completed on 8-24-82 and the project accepted as complete by the Division Construction Supervisor on 8-25-82. The project is 100% complete with 78% of the contract time elapsed. A two man engineering crew worked 2-8 hour shifts checking quantities for the final estimate. The final estimate and supporting data was turned in to the Division office on 9-7-82. Final checking by the Division office approximately 50% complete. Estimated submittal date of final estimate and supporting data is 9-24-82.

F 16-1(13)3 Wicks Lane to Bench Blvd. on U.S. 87 - Billings
1.2 Miles Grade, Agg. Surf.
P.M.B.B, P.M.B.S. Storm Sewer, Signing, Lighting and Signals
Yellowstone County
Contract Awarded: 1-8-82
Contract Amt: $2,508,341.30
Proceed Order Date: 4-16-82
Work Started: 2-26-82

Empire Sand & Gravel Co., Inc.
Billings, Montana
Roddo Bakich, Fld. Prj. Mgr.
Billings, Montana
Phone No. 245-9802
Contract Time: 150 Working Days
Probable Completion Date: 10-15-82
Effective Opening Date:

Progress during this reporting period has been good. The contractor, Empire Sand & Gravel Co., Inc., had an average of forty persons working nine days. Work consisted of placing 8,289 tons of 1½" CBC Gr. 5A material on the roadway stations 96+50 to 115+50 rt. E.B. Placed 6,220 tons of Plant Mix Base on the Mainline Stations 114+95 to 143+55 rt. of E.B., placed second lift stations 135+33 to 156+00, 20+87 to 25+37 on the Roundup Road, 156+00 to 166+00 on the Connection to P.T.W. and 16+00 to 19+05 on the Bench Blvd. Placed 4,586 tons of Plant Mix Surf. Gr. A on the Mainline stations 138+40 to 156+00, 156+00 to 166+00 on the Connections to P.T.W., 21+08 to 25+37 on the Roundup Road and 16+00 to 19+38 on the Bench Blvd. Road. Placed curb and gutter rt. stations 96+56 to 130+58. Placed sidewalk right stations 112+67 to 127+09. Clean up and topsoil operations rt. stations 112+00 to 130+75. Midland Electric Co., electrical sub-contractor, had three persons working seven days. Placed 4.9 cu. yds. of Cl. D concrete for the light pole bases no. 16, 14, 12, 10, 8, 6, & 4. Put in 62.5 ln. ft. of steel conduit and 1065 ln. ft. of plastic conduit. Put in 7,312 ln. ft. of various sizes of copper wire. Western Sign Corp., signing & striping sub-contractor had a seven man crew working four days. Placed 3,601 ln. ft. of White Plastic and 3,507 ln. ft. of yellow plastic striping and 514 sq. ft. of Plastic Words & Symbols at the intersection of Bench Blvd., Roundup Road and U.S. 87 and on the Mainline stations 138+40 to 166+00. Conroy Fencing, fencing sub-contractor, had two men working one day. Work consisted of putting in 22.8 rods of F4M fence lt. of stations 142+24 to 146+35. Percentage complete of various items are: grading 93%, removal 90%, misc. 25% storm sewer 98%, culvert 99% curb & gutter 48%, surf. 62%, electrical 55%, fencing 19%, and striping 37%. The project is 61% complete with 56% of the contract time elapsed. An average of eleven persons were assigned to the project for engineering and construction inspection.

F 16-1(6)1 Exposition Drive
0.5 Miles Grade, Agg. Surf., P.M.B.B.
P.M.B.S., Storm Sewer, Signing,
Lighting & Signals
Yellowstone County
Contract Awarded: 8-24-82
Contract Amt: $1,344,793.85
Proceed Order Date: 9-14-82
Work Not Started:

Empire Sand & Gravel Co., Inc.
Billings, Montana
Roddo Bakich, Fld. Prj. Mgr.
Billings, Montana
Phone No. 245-9802
Contract Time: 90 Working Days
Probable Completion Date:
Effective Opening Date:

The project was let August 18, 1982 and awarded August 24, 1982 to Empire Sand & Gravel Co., Inc., of Billings, Montana. As of this date no preconstruction conference has been set.

Utility Relocations - Stateline Contractors, a sub-contractor for Mont. Dak. Utilities, had a seven man crew working seven days placing the new 8" natural gas line rt. side of First Ave. North from station 13+93 to 15+23 and from station 2+20 to 3+28. Utility Line Contractor, a sub-contractor for Montana Power, had a three man crew working three days. They set new power poles and anchors lt. of stations 16+45, rt. of 15+88, rt. of 6+93, lt. of 7+20, rt. of 19+15, lt. of 13+12 and rt. of 8+77. Montana Dakota Utilities are 28% complete, Montana Power is 5% complete, and Mountain Bell has yet to began their relocations. The Utility Moves are 32% complete with 41% of the time allotted for this project used.

F 28-2(5)83 Roberts Rest Area
Comfort Station Renovation,
Upgrade and Lighting
Carbon County
Contract Awarded: 1-8-82
Contract Amt: $15,350.00
Proceed Order Date: 4-16-82
Work Started: 7-1-82

Robert D. Thornburg Construction
Missoula, Montana
Kenneth W. Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 45 Working Days
Completion Date: 8-6-82
Effective Opening Date: 8-6-82

Division office checking of the final estimated supporting data is 100% complete and is waiting transportation to Helena. This will be the final report.

FR 28-2(4)70 U-1 Red Lodge - Boyd
12.1 Miles Widening, Plant Mix Surf.
Carbon County
Contract Awarded: 8-24-82
Contract Amt: $1,782,258.66
Proceed Order Date: 9-14-82
Work Not Started:

Peter Kiewit Sons Co.
Sheridan, Wyoming
Gerald M. Loran, Fld. Prj. Mgr.
Phone No. 248-3827
Contract Time: 120 Working Days
Probable Completion Date: 6-15-83
Effective Opening Date:

No work was done on the project by the contractor during this reporting period. Gravel samples from their gravel pit were submitted to Helena on September 2, 1982. The preconstruction meeting was held in the Billings District office on 9-10-82. The contractor has a field office trailer set up at Roberts, Montana. They plan on erecting construction signs and doing minor work beginning September 20, 1982. A four man engineering crew worked 2 ten hour & 2 eight hour shifts slope staking.

F 92-1(6)530 Lodge Grass-South
11.0 Miles Widening and
Plant Mix Surf. Overlay
Big Horn County
Contract Awarded: 4-29-82
Contract Amt: $770,782.10
Proceed Order Date: 5-20-82
Work Not Started:

Meyers Construction Company
Billings, Montana
Raymond J. Schaak, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 100 Working Days
Probable Completion Date: 10-30-82
Effective Opening Date: N/A

No work was done on the project during the reporting period. The Contractor plans to begin moving equipment onto the project during the week of September 13, 1982. The project is 0% complete with 57% of the contract time elapsed. One man worked 2-8 hour shifts on project administrative duties during the reporting period. Construction layout is approximately 15% complete.

RS 416-1(3)1 Billings - South
8.1 Miles Grading, Drainage
Agg. Surf., PMBS, Signing and
Seal and Cover
Yellowstone County
Contract Awarded: 2-4-82
Contract Amt: $2,484,106.60
Proceed Order Date: 4-16-82
Work Started: 3-10-82

Barry O'Leary, Inc.
Billings, Montana
D. C. Kittelson, Fld. Prj. Mgr.
Billings, Montana
Phone No. 245-2101
Contract Time: 100 Working Days
Probable Completion Date: 7-15-83
Effective Opening Date:

Progress this reporting period has been good. Work in progress during this period consisted of grading, drainage, surfacing, fencing and electrical. The contractor, Barry O'Leary, Inc., worked nine, eight to ten hour shifts with an average of fifty men employed, grading from stations 240+00 to 306+00, placing topsoil from stations 240+00 to 306+00, installing culverts from stations 333+00 to 410+00, placing 1½" CBC from stations 215+00 to 413+00, placing 3/4" CTS from stations 413+00 to 429+70, placing PMS Gr. C, 1st lift, from stations -5.23+2 to 215+00 and erecting fence from stations 204+00 to 380+00. The sub-contractor, Midland Electric, worked one eight hour shift with two men employed installing conduit and pullboxes. The miscellaneous items are 98% complete, grading 96% complete, drainage 86% complete, surfacing 36% complete, fencing 77% complete, signing 8% complete, electrical 100% complete. The project as a whole is 56% complete with eighty-three of the 106 working days allowed having been used or 78% of the contract time elapsed. A twelve man survey and inspection crew worked on the project during this reporting period staking miscellaneous items, setting subgrade and aggregate bluetops, running line control for asphalt and inspection for grading, drainage, surfacing, fencing and electrical work. One man is assigned to the office. Engineering layout is 70% complete.

RTF 4-2(4)50 Laurel - South
10.9 Miles Widening, Plant Mix
Bit. Surf. Overlay & O.G.F.C.
Carbon & Yellowstone Counties
Contract Awarded: 5-21-82
Contract Amt: $1,322,548.60
Proceed Order Date: 6-14-82
Work Started: 8-2-82

Empire Sand & Gravel Co., Inc.
Billings, Montana
Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827
Contract Time: 100 Working Days
Probable Completion Date: 10-15-82
Effective Opening Date: N/A

Progress on this project is very slow. Mackin Construction Company, sub-contractor for the bridge widening portion employed 3 to 5 people and worked 10 eight hour shifts erecting guard rail post, placing concrete for backwalls and headwalls, hanging guard rail and painting. Revised structure item is 95% complete. The contractor also is excavating and extending culverts at stations 10+00, 22+73 and 56+60 and forming concrete collars. Empire Sand & Gravel moved in and are setting up the crusher with operations to begin on or about September 20, 1982. The project is 5% complete with 77% of the contract time remaining to complete the project. Two and half days were used on the project for office work, culvert inspection and project supervision and management.

HHS 53-1(1)6 Int. Zimmerman
Trail and Montana 3
Flasher Installation
HES 1025 (3)0 Int. State Ave.
& 6th St. - Billings
Revise Intersection
0.00 Miles
Yellowstone County
Contract Awarded: 11-6-81
Contract Amt: $56,251.00
Proceed Order Date: 4-16-82
Work Started: 4-20-82

Western Sign Corporation
Great Falls, Montana
Kenneth W. Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 60 Working Days
Probable Completion Date: 9-30-82
Effective Opening Date: N/A

The project was complete as of 8-3-82 and will be accepted when the corrective measures outlined in letter from S. C. Kologi, dated 8-26-82 are completed. Contract time elapsed is 63 working days or 88% and a total of 9 working days remain.

CWK/MCV/am

C. W. KLIMPER, P. E. Supervisor
Division Construction Section

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
September 17, 1982

Department of Highways
Helena, Montana

Progress Report
District #41
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending September 17, 1982, for Division 5230 - Miles City, Montana.

GENERAL

Partly cloudy skies, rain and snow showers prevailed during the period. Temperatures ranged from 34° to 72°. On Montana 39 culvert installation, grading, graveling and plant mix paving operations may be in progress adjacent to the present traveled way 4 to 25 miles north of Colstrip. Construction equipment may be crossing the present traveled way with flag persons being utilized during working hours.

PRECONSTRUCTION

FR 2-1(3)34 - Locate-East
Length: 11.8 Miles
Design Started: May 11, 1982

A.D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Prob. Comp. Date: October 29, 1982

No design work was performed during the past period. Memorandum dated Auugst 2, 1982, confirmed no final plan-in-hand was necessary. Design remains 50% complete with 27 man days used.

F 23-1(2)7 - Miles City-South (South Section)
Length: 6.7 Miles
Design Started: May 16, 1979

A.D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Prob. Comp. Date: Dec. 31, 1983

Preliminary cost estimates for the two alignments have been submitted to Helena for use at the public hearing. No additional design work will be performed until the results of the September 22, 1982, public hearing are finalized. Design remains 26% complete with 286 man days used.

CONSTRUCTION

F 2-1(4)0 - Miles City-E & W Custer County
Length: 5.1 Miles Plant Mix Bituminous Overlay
Contract Awarded: March 5, 1982
Amount of Contract: $409,539.10
Proceed Order: April 16, 1982
Work Started: April 20, 1982

Portable Pavers, Inc., Contractor
Miles City, Montana
D.J. Strohmayer, Fld. Proj. Mgr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 60 Working Days
Actual Comp. Date: August 20, 1982
Effect. Opening Date: N/A

CONSTRUCTION BUREAU

F 2-1(4)0 - Miles City-E & W (continued)

All items were completed in conformance with Plans, Specifications, and Special Provisions August 20, 1982. Formal inspection and acceptance were made August 23, 1982. The Final Estimate is currently 80% complete and will be submitted to the Division Office about September 24, 1982.

F-CT 39-1(9)27 - Colstrip-Forsyth
(Center Section) Rosebud County
Length: 10.9 Miles Grading, Agg.
Surf., Plant Mix Surf. & Stockpasses
Contract Awarded: June 30, 1981
Amount of Contract: $6,789,352.18
Proceed Order: July 21, 1981
Work Started: July 29, 1981

Hilde Construction Co., Contractor
Great Falls, Montana
D.L. Stewart, Fld. Proj. Mgr.-Rdy.
W.D. Dane, Fld. Proj. Mgr.-Str.
Forsyth, MT - Tel. No. 356-7108
Contract Time: 180 Working Days
Prob. Comp. Date: June 15, 1983
Effective Opening Date:

Progress during the past period has been good. Work in progress consisted of installing 82 lineal feet of R.C.P. Culvert making a total of 5,206 lineal feet or 93% complete. 112,929 cubic yards of unlcassified excavation were moved making a total of 856,940 cubic yards or 91% complete. 6.3 cubic yards of Class DD Concrete were placed making a total of 39.2 cubic yards or 36% complete. 23,203 tons of 1" base gravel were hauled to the road and placed making a total of 81,457 tons or 74% complete. 3,818 tons of 1½" Plant Mix Base were hauled to the road and placed making a total of 3,818 tons or 4% complete. To date, 3,754 rods of farm fence have been erected or 89% complete. 318 lineal feet of bituminous coated S.S.P.P. Culvert have been installed or 100% complete. 422 lineal feet of optional pipe have been installed or 46% complete. The surfacing aggregates have been crushed and stockpiled. The contractor worked 10 nine-hour shifts and 9 ten-hour shifts with 66 people employed. On the structure portion of the project, treated timber has been installed on the stockpass at station 486+32. Sletten Construction Co., subcontractor, worked 1 four-hour and 4 nine-hour shifts during the past period with an average of six men employed. Structures are 78% complete. The project as a whole is 49% complete with 80% of the contract time elapsed. Construction layout with a nine-man engineering crew engaged is 90% complete.

F-CT-RRS 39-1(7)38 - Colstrip-Forsyth
(Armell's Creek Section) - Rosebud Co.
Length: 6.4 Miles Grading, Grav.
Surf., Plant Mix Surf. & Structures
Contract Awarded: Nov. 30, 1981
Amount of Contract: $6,479,096.93
Proceed Order: April 16, 1982
Work Started: December 8, 1981

Hilde Construction Co., Contractor
Great Falls, Montana
R.E. Swanson, Fld. Proj. Mgr.-Rdy.
W.D. Dane, Fld. Proj. Mgr.-Strs.
Forsyth, MT - Tel. No. 356-7108
Contract Time: 200 Working Days
Prob. Comp. Date: July 15, 1983
Effective Opening Date:

Progress during the past period has been poor. 40,357 cubic yards of unclassified excavation and 10,773 cubic yards of unclassified borrow were moved, making grading items 68% complete. 288 cubic yards of random riprap were placed, making drainage items 67% complete. To date, fencing is 38% complete. Surfacing aggregates have been crushed and stockpiled with 3% placed on the roadway. Guardrail is 10% complete. The prime contractor worked 11 nine-hour shifts with an average of 20 men employed. On the structure portion of the project, work is

F-CT-RRS 39-1(7)38 - Colstrip-Forsyth (continued)

in progress forming the deck for the bridge over Burlington Northern, Inc., at station 1249+37.8. Sletten Construction Company, sub-contractor, worked 1 five-hour, 3 nine-hour and 1 ten-hour shifts with an average of eight men employed. Structures are 54% complete. The project as a whole is 50% complete with 46% of the contract time elapsed. Construction layout, with a six-man engineering crew engaged, is 85% complete.

SR 447-1(6)0 - Rosebud-South
Rosebud County
Length: 8.0 Miles Plant Mix Overlay, Seal & Cover
Contract Awarded: April 1, 1982
Amount of Contract: $638,808.04
Proceed Order: April 22, 1982
Work Started: May 24, 1982

McIntyre Construction Co., Contractor
Great Falls, Montana
D.J. Strohmayer, Fld. Proj. Mgr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 120 Working Days
Actual Comp. Date: September 10, 1982
Effective Opening Date: N/A

Progress during the past period has been fair. Grade C Plant Mix has been completed. 125 tons of ½" Cover Material were placed making a total to date of 1,687 tons or 100% complete. The contractor worked 2 eight-hour shifts with sixteen men employed. The project was completed September 10, 1982. The Final Estimate is currently 70% complete and will be submitted to the Division Office about October 1, 1982.

BR-SOS 38(4) - Otter Creek-Bear Creek
Powder River County
Length: 0.0 Miles Grading & Drainge Structures
Contract Awarded: August 24, 1982
Amount of Contract: $69,009.45
Proceed Order: September 14, 1982
Work Not Started

Swan & Sons Construction, Inc., Contractor
Anaconda, Montana
D.J. Strohmayer, Fld. Proj. Mgr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 50 Working Days
Prob. Comp. Date: November 19, 1982
Effective Opening Date:

To date, the contractor has not advised us when he plans to start work. None of the contract time has elapsed.

MSC 94-4(35)128 - Maint. Seal & Cover
Custer County
Length: 8.8 Miles Seal & Cover (East Bound Shoulders) and 1.6 Miles Ramps of Two Interchanges
MSC 94-4(36)137 - Maint. Seal & Cover
Custer County
Length: 11.1 Miles Seal & Cover (West Bound Lanes)
MSC 94-5(22)170 - Maint. Seal & Cover
Prairie County
Length: 7.4 Miles Seal & Cover
Contract Awarded: April 29, 1982
Amount of Contract: $457,236.00
Proceed Order: May 20, 1982
Work Started: June 28, 1982

Baltrusch Construction Co., Inc.
and Affiliates
Havre, Montana
D.J. Strohmayer, Fld. Proj. Mgr.
Miles City, MT - Tel. No. 232-1093
Stipulated Comp. Date: Sept. 1, 1982
Actual Comp. Date: August 23, 1982
Effective Opening Date: N/A

MSC 94-4(35)128, MSC 94-4(36)137 & MSC 94-5(22)170 - (continued)

All items were completed in conformance with Plans, Specifications and Special Provisions August 23, 1982. Formal inspection and acceptance were made August 26, 1982. The Final Estimate was submitted to the Division Office September 16, 1982, and is currently 90% complete.

MSC 23-2(5)92 - Maint. Seal & Cover
Powder River & Carter Counties
Length: 9.7 Miles Seal & Cover
Contract Awarded: April 29, 1982
Proceed Order: May 20, 1982
Amount of Contract: $113,322.00
Work Started: August 3, 1982

Roberts Construction Co., Inc.
Sundance, Wyoming
D.J. Strohmayer, Fld. Proj. Mgr.
Miles City, MT - Tel. No. 232-1093
Stipulated Comp. Date: Sept. 1, 1982
Actual Comp. Date: August 9, 1982
Effective Opening Date: N/A

All items were completed in conformance with Plans, Specifications and Special Provisions August 9, 1982. Formal inspection and acceptance were made August 10, 1982. The Final Estimate was submitted to the Division Office September 16, 1982, and is currently 90% complete.

for John D. Anderson
J.B. Randall, P.E.,
Dist. Engr.-Glendive

JBR:AA:wr
cc: Div. file

RECEIVED
SEP 20 19
CONSTRUCTION BUREAU

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

SEPTEMBER 17, 1982

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of September 4, 1982 through September 17, 1982.

GENERAL

The temperature varied from 91° above to 29° above zero with 0.18 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 57-3(03)122, Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 02/15/72
Survey Started: 11/25/74

Dale L. Flinders
Designer I
Lewistown, Montana
Telephone: 538-8731

Design: The final P.I.H. was held June 10th and 11th, 1981. P.I.H. changes remain 90% complete. The design as a whole is 92% complete with 451 man-days expended to date. It was sent to Helena on 9/10/82.

FR 63-1(1)0 U2, Harlowton-North
Approximate Length: 8.9 Miles
Survey Authorized: 07/17/80
Survey Started: 08/18/80

Dale L. Flinders
Designer I
Lewistown, Montana
Telephone: 538-8731

Drawing summaries, plotting templates, computing dirt work, inking summaries, and plotting mass diagram are all 100% complete. The design as a whole remains 90% complete with 123 man-days expended to date. The completed design was transmitted to Helena for P.I.H. prints on May 28, 1981.

F 81-1(2)12, Denton Flood Study
Approximate Length: 2.0 Miles
Survey Authorized: 09/10/80
Survey Started: 12/08/80

Dale L. Flinders
Designer I
Lewistown, Montana
Telephone: 538-8731

The Maintenance Bureau will install the required pipes when personnel are available. Pipes have been ordered and force account project set up.

M 7106(3), Spring Street 8th-11th, Lewistown
Approximate Length: 1100.0 Feet
Survey Authorized: 12/06/76

HKM Associates
Consulting Engineers
Billings, Montana

Project is cleared for the September letting.

M 7109(1), 4th Avenue, Lewistown
Approximate Length: 0.4 Miles
Survey Authorized: 09/28/76

HKM Associates
Consulting Engineers
Billings, Montana

Project is cleared for the September letting.

RS 297-1(1)24, Hedgesville-North
Approximate Length: 3.5 Miles
Survey Authorized: 01/31/78
Survey Started:

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project this reporting period. A total of 17 man-days have been expended to date.

F 61-3(2)85, Mobridge-South
Slide Correction: 2.5 Miles
South Fred Robinson Bridge
Approximate Length: Unknown

Dale L. Flinders
Designer I
Lewistown, Montana
Telephone: 538-8731

The aerial photo of the slide area was received on January 22, 1980. Plotting cross-sections from the photo, drawing and inking plan and profile lines are all 100% complete. The preliminary design remains 20% complete with 11 man-days expended to date. The design was submitted to Helena on April 8, 1981, for Hydraulics and Geology Section recommendations.

BR 9019(7), Musselshell River Bridge
Approximate Length: 0.4 Miles
Survey Authorized: 03/14/80
Survey Started: 06/23/80

Dale E. Devore
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

The survey data was submitted to the Division Office on December 11, 1980, and forwarded to Helena on October 15, 1980. The Core Drill Section began work on the project October 15, 1981. Project has been set back to 1983 pending historical review.

RRS 63-2(1)37, RR Structure-South Moore
Approximate Length: 0.8 Miles
Survey Authorized: 04/13/81
Survey Started: 09/11/81

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was accomplished the past reporting period. A total of 8 man-days have been expended to date. The survey was suspended on September 28, 1981, as per letter of instruction from the R/W Bureau. The Burlington Northern Railroad is considering purchase and restoration of the Old Milwaukee route through this area.

RRS 16-2(1)48, RR West of Roundup
Approximate Length: N/A
Survey Authorized: 02/08/82
Survey Started: 07/26/82

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Three men worked two days this reporting period. Work consisted of making ties from horizontal control points to the north and south ends of structure over the Musselshell River and to the north and south ends of the overpass structure over the railroad west of Roundup. The field work is about 95% complete with a total of 22 man-days expended to date. Field notes will be checked and submitted to the Photgrammetric Section in Helena as soon as personnel are available.

RS 426-2(1)0, Fergus County Line-East
Approximate Length: 3.8 Miles
Survey Authorized: 10/07/80
Survey Started: 11/09/81

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

All horizontal and vertical control points were placed in the field by the Photogrammetric Section and two engineering personnel November 15, 1981. All field work was completed January 18, 1982. Field notes were checked and all field notes for horizontal and vertical control points and plan sheet showing tie to S 405(6) was submitted to the Division Office January 20, 1982, and mailed to the Preconstruction Bureau in Helena January 20, 1982. The field survey is 100% complete with 77 man-days expended to date.

RS 381-1(1)0, Goulding Creek Road
Approximate Length: 4.8 Miles
Date Authorized: 01/28/82
Survey Started: 02/08/82
Survey Completed: 04/19/82

Dale L. Flinders
Designer I
Lewistown, Montana
Telephone: 538-8731

The completed location and supporting data was transmitted to the Division Design on April 10, 1982. Plotting and inking cross-section and plotting profile is 100% complete. 36 man-days were used making revisions to the existing steep grades for 40% complete and plotting summaries for 20% complete. The design as a whole is 20% complete with 63 man-days expended to date.

CONSTRUCTION

F 57-2(4)21, Geyser-Stanford
Grading, Agg. Surf., Plant Mix Sur., Seal and Covers, Signing and Comfort Station Renovation
Contract Let: 04/30/81
Contract Awarded: 05/01/81
Contract Amount: $4,385,713.05
Proceed to Work Date: 05/21/81

Rehbein Contracting, Inc.
Plains, Montana
Carl W. Park
Field Project Manager
Stanford, Montana
Telephone: 566-2751
Prob. Compl. Date: 11/15/82

Progress the past reporting period has been good. Seal and cover operations were completed 9/3/82, contractor worked two 12-hour shifts with 15 men employed. Sub-contractor, Frank Gurney, Inc., began traffic striping 9/10/82, completed work 9/13/82 with 480 gals. white and 204 gals. yellow paint applied working one 10-hour shift and one 8-hour shift with 3 men employed. Installation of steel guard rail began 9/15/82 between Station 601+ to Station 614+, this work is approximately 35% complete. Sub-contractor Lemm Landscaping, Inc. began seeding and hydro-seeding work on 9/13/82. Approximately 40 acres have

F 57-2(4)21, Geyser-Stanford Continued . . .

been seeded to date for 30% complete. One 10-hour shift was worked with 4 men employed. Sub-contractor Monte Azure is removing temporary fence and replacing with permanent fence. This work is 80% complete with 1 to 3 men employed. The rest area renovation work is expected to be completed by 10/15/82. The project as a whole is 98% completed with 107% of the contract working days expended. Construction layout is 100% complete with a 7 man engineering crew assigned for supervision and inspection.

FR 63-1(1)0 U1, Harlowton-North
Widening and Plant Mix Overlay
Length: 10.2 Miles
Contract Let: 03/31/82
Contract Awarded: 04/01/82
Contract Amount: $1,989,520.68
Work Started: 04/26/82

McIntyre Construction
Great Falls, Montana
Robert A. Passow
Field Project Manager
Telephone: 538-8731
Contract Time: 120 Work Days
Prob. Compl. Date: 07/01/83

Progress had been good prior to the rain on 9/10/82 and the snow and rain on 9/13/82. The grading crew worked five 9-hour shifts placing and blading top soil. The two 637 scrapers are used in the pit for over burden replacement and hauling material to the trap. The crusher crew of 7 men has worked four 8-hour and three 10-hour shifts crushing 1½" CBC. They worked three 10-hour shifts crushing 3/4" C.T.S. Eight to 15 trucks have worked five 10-hour shifts placing all of the 1½" CBC and they have worked three 8-hour shifts hauling 3/4" C.T.S. 3/4 C.T.S is dumped on the roadway to Station 300+00 including the truck climbing lane. The wet weather has delayed the starting of the paving operation. It has been scheduled to begin 9/20/82. Major items and per cent complete are as follows: Traffic Control Devices; 34,740 units @ 54% complete, Traffic Control-Flag; 370 hours @ 12% complete, Excavation Unclassified; 223,532 Cu.Yds. @ 99% complete, Top Soil Salv. & Plac.: 32,563 Cu.Yds. @ 99% complete, Base Crse 1½"Gr 5A; 34,110 ton @ 100% complete, Top Surf. 3/4" Gr2A; 7700 ton @ 50% complete, Exc Culvert; 653.5 Cu.Yds. @ 81% complete, Bedding Material; 231 Cu.Yds. @ 100% complete. All the pipe items are 100% complete as per plan and charge orders. Bridge removal is 100% complete. Bridge revision is 99% complete pending cleaning the deck and cutting the taper on the right wheel guard. The project is 45% complete and 65% of the contract time has been used. A 12 to 13 man crew has been assigned to the project for engineering layout, inspection, and supervision. Construction layout is 97% complete.

RS 294-1(4)12, Lennep-East & West
Grade, Draining, Agg. Surfacing
and Plant Mix Overlay
Length: 4.7 Miles
Contract Let: 04/22/82
Contract Awarded: 04/29/82
Contract Amount: $607,710.50
Work Started: 06/28/82

McIntyre Construction Co.
Great Falls, Montana
Charles W. Buck
Field Project Manager
Telephone: 538-8731
Contract Time: 100 Work Days
Effective Opening Date:
Prob. Compl. Date: 7/15/83

The prime contractor, McIntyre Construction Co., worked one 9-hour shift per day, 4 days leveling pit area, and one 9-hour shift , 2 days placing Class 2 random riprap. 35 Cu.Yds. of Class 2 random riprap were placed for a total to date of 35 Cu.Yds. making this item 35% complete. All other items remain as previously reported: Plant Mix Bit. Surf. Grade "B", Asphalt Cement 120-150, Hydrated Lime, Emulsified Asphalt 55-1, and Unclassified Excavation are 100% complete. 3/4" Top Surfacing remains 83% complete; Motor Grader hours remain 17% complete; Traffic Control Flagging remains 19% complete; Remove Pavement remains 51% complete; Tractor-Loader hours remains 54% complete; Culvert Exca-

RS 294-1(4)12, Lennep-East & West Continued . . .

vation 3% complete and 24" C.S.P. 25% complete. 360 units Traffic Control Devices were used for a total to date of 6213 units making this item 16% complete. The project is 80% complete with 42% of the contract work days expended. Construction layout on the project is 95% complete with 1 engineering personnel assigned for supervision and inspection.

BR 9023(4), Judith River Bridge
Judith Basin County
85 Foot Bulb Tee Concrete Bridge
Contract Let: 06/24/82
Contract Amount: $93,730.00
Work Started: 07/30/82

Tonca Construction
Bozeman, Montana
Dale E. DeVore
Field Project Manager
Telephone: 538-8731
Contract Time: 60 Work Days
Prob. Compl. Date:10/30/82
Effective Opening Date:

Good progress, the contractor has placed the Bulb Tee beams. The welding has been completed and concrete has been placed for one of the backwalls. The concrete item is now 75% complete. The project is 82% complete with 68% of the contract time used to date. One engineering employee is assigned to this work.

Respectfully submitted,

for C. V. Klimper, P.E., Supervisor
District Construction Section

CWK: JHP: mp

cc: Field Project Managers
Design
Lab

Direct Participation
Federal Highway Administration
September 1, 1982

September 1982

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

PROJECT	LOCATION	LENGTH	TYPE WORK	PERCENT TIME USED	% WORK COMPLETED AND ESTIMATED COMPLETION DATE	CONTRACTOR AND CONTRACT AMOUNT
OM-AD 18(8)	Minuteman Missle Roads Choteau & Teton Counties	40.15	Crushed Aggregates Surfacing	55%	27% 11/30/82	Konitz Contracting Inc. $589,500.00
FH 19-1(1)	Bitterroot-Salmon	1.415	Grading, drainage Base & hot Bituminous Pavement	42%	36% 12/1/82	Clark Brothers Contractors $1,351,495.00
B.P.A. 1(1)	Clark Fork River Bridge Near Gold Creek Powell County		2 Bridge Replacement and Approaches	68%	37% 11/1/82	E.F. Matelich Const. Co. $641,229.75

JS/sb/214FF1